1 Test Results for Mobile Device Acquisition Tool – Device Seizure v6.8

The main item of interest for interpreting the test results is determining the conformance of the tool under test. Conformance with each assertion tested by a given test case is evaluated by examining the **Log Highlights** box of the test report.

1.1 Test Results Report Key

The following table presents an explanation of each section of the test details in section 1.2. The Tester Name, Test Host, Test Date, Device, Source Setup and Log Highlights sections for each test case are populated by excerpts taken from the log files produced by the tool under test.

Heading	Description
First Line:	Test case ID, name, and version of tool tested.
Case	Test case summary from Mobile Device Tool Test Assertions and Test
Summary:	Plan (Draft 1 Version 1.0, July 8, 2014).
Assertions:	The test assertions applicable to the test case, selected from <i>Mobile</i>
	Device Tool Test Assertions and Test Plan (Draft 1 Version 1.0, July 8,
	2014).
Tester	Name or initials of person executing test procedure.
Name:	
Test Host:	Host computer executing the test.
Test Date:	Time and date that test was started.
Device:	Source mobile device, SIM.
Source	Acquisition interface.
Setup:	
Log	Information extracted from various log files to illustrate conformance or
Highlights:	non-conformance to the test assertions.

Table 1: Test Results Report Key

16 1.2 Test Results

The test results are presented in this section.

17 18

19 **1.2.1 MDT-01 - Samsung Galaxy Note 3**

Test Case MDT	Test Case MDT-01 Device Seizure v6.8		
Case	MDT-01 Acquire mobile device internal memory over tool-su	nnorted interfaces	
Summary:	(e.g., cable, Bluetooth, IrDA).		
Assertions:	MDT-CA-01 If a mobile device forensic tool provides suppo connectivity of the target device then the tool shall suc recognize the target device via all vendor supported inte cable, Bluetooth, IrDA).	cessfully	
Tester Name:	jrr		
Test Host:	PN100919		
Test Date:	Fri Apr 17 11:46:18 EDT 2015		
Device:	GalaxyNote3 CDMA		
Source	OS: WIN 7 v6.1.7601		
Setup:	Interface: cable		
Log	Created by Device Seizure v6.8		
Highlights:	Acquisition started: Fri Apr 17 11:46:18 EDT 2015		
	Acquisition finished: Fri Apr 17 13:22:58 EDT 2015		
	Device connectivity was established via supported interfa	ce	
Results:			
	Assertion & Expected Result	Actual Result	
	MDT-CA-01 Device connectivity via supported interfaces.	as expected	
Analysis:	Expected results achieved		

20

21 **1.2.2 MDT-02 - Samsung Galaxy Note 3**

Test Case MDT-	-02 Device Seizure v6.8	
Case	MDT-02 Begin mobile device internal memory acquisition and	interrupt
Summary:	connectivity by interface disengagement.	
Assertions:	MDT-CA-02 If connectivity between the mobile device and mol	bile device
	forensic tool is disrupted then the tool shall notify the	user that
	connectivity has been disrupted.	
Tester Name:	jrr	
Test Host:	PN100919	
Test Date:	Fri Apr 17 11:47:16 EDT 2015	
Device:	GalaxyNote3_CDMA	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: cable	
Log	Created by Device Seizure v6.8	
Highlights:	Acquisition started: Fri Apr 17 11:47:16 EDT 2015	
	Acquisition finished: Fri Apr 17 13:23:42 EDT 2015	
	Device acquisition disruption notification was successful	
Results:		
	Assertion & Expected Result	Actual Result
	MDT-CA-02 Notification of device acquisition disruption.	as expected
Analysis:	Expected results achieved	

22

24 **1.2.3 MDT-03 - Samsung Galaxy Note 3**

Test Case MDT	-03 Device Seizure v6.8	
Case	MDT-03 Acquire mobile device internal memory and review repor	ted data via
Summary:	the preview-pane or generated reports for readability.	
Assertions:	MDT-CA-03 If a mobile device forensic tool completes acquisition of the	
	target device without error then the tool shall have the abil	ity to present
	acquired data objects in a useable format via either a previe	w-pane or
	generated report.	
Tester	jrr	
Name:		
Test Host:	PN100919	
Test Date:	Fri Apr 17 11:48:06 EDT 2015	
Device:	GalaxyNote3_CDMA	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: cable	
Log	Created by Device Seizure v6.8	
Highlights:	Acquisition started: Fri Apr 17 11:48:06 EDT 2015	
	Acquisition finished: Fri Apr 17 13:24:07 EDT 2015	
	Readability and completeness of acquired data was successful	
Results:		
	Assertion & Expected Result	Actual
	•	Result
	MDT-CA-03 Readability and completeness of acquired data	as expected
	via supported reports.	
Analysis:	Expected results achieved	

25

26

1.2.4 MDT-04 - Samsung Galaxy Note 3

Test Case MDT	-04 Device Seizure v6.8	
Case	MDT-04 Acquire mobile device internal memory and review reported subscriber	
Summary:	and equipment related information (e.g., IMSI, IMEI, MEID/ESN, MSISDN).	
Assertions:	MDT-CA-04 If a mobile device forensic tool completes acquisition of the target device without error then subscriber and equipment related information shall be presented in a useable format.	
Tester Name:	jrr	
Test Host:	PN100919	
Test Date:	Fri Apr 17 11:48:55 EDT 2015	
Device:	GalaxyNote3_CDMA	
Source	OS: WIN 7 v6.1.7601	<u> </u>
Setup:	Interface: cable	
Log Highlights:	Created by Device Seizure v6.8 Acquisition started: Fri Apr 17 11:48:55 EDT 2015	
	Acquisition finished: Fri Apr 17 13:24:55 EDT 2015	
	IMEI, MEID/ESN were acquired	
Results:		
		ctual sult
	MDT-CA-04 Acquisition of mobile device subscriber and as	expected
	equipment related data in a useable format.	
Analysis:	Expected results achieved	

29 **1.2.5 MDT-05 - Samsung Galaxy Note 3**

Test Case MDT	2-05 Device Seizure v6.8	
Case	MDT-05 Acquire mobile device internal memory and review support	
Summary:	elements (i.e., PIM data, call logs, SMS, MMS, stand-alone files: audio,	
	pictures, video, application related data: documents, spreadsheets,	
	presentations, social-media data and Internet related data:	oookmarks,
7	visited sites).	
Assertions:	MDT-CA-05 If a mobile device forensic tool completes acquisit target device without error then all supported data elements	
	presented in a useable format.	Silati be
	presented in a ascasic format.	
Tester	jrr	
Name:		
Test Host:	PN100919	
Test Date:	Fri Apr 17 11:49:37 EDT 2015	
Device:	GalaxyNote3_CDMA	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: cable	
Tog	Crosted by Dovigo Soiguro v6 9	
Log Highlights:	Created by Device Seizure v6.8 Acquisition started: Fri Apr 17 11:49:37 EDT 2015	
migningnes.	Acquisition finished: Fri Apr 17 13:28:01 EDT 2015	
	nequisition limished. III hpt 17 13.20.01 hb1 2013	
	All address book entries were successfully acquired	
	Basic PIM related data was acquired	
	Partial Maximum length PIM related data was acquired	
	All Call Logs (incoming, outgoing, missed) were acquired	
	All Call Log date/time stamps data were correctly reported	
	ALL text messages (SMS, EMS) were acquired	
	Correct date/time stamps were reported for all text messages	
	Correct status flags were reported for all text messages	
	Sender and Recipient phone numbers associated with text messa	ages were
	correctly reported	
	ALL MMS messages (Audio, Image, Video) were acquired	. a
	ALL stand-alone data files (Audio, Image, Video) were acquired	ea
	Internet related data was not acquired	
	All Social media related data was acquired	
	THE SOCIAL MORE TOTAGON AND ADJUSTED	
	Notes:	
	No memos were acquired.	
7.		
Results:	Described C Burnerted Describ	2 mt ma 1
	Assertion & Expected Result	Actual Result
	MDT-CA-05 Acquisition of all mobile device supported data	Not as
	elements in a useable format.	expected
Analysis:	Partial results achieved	

30

31 **1.2.6 MDT-06 - Samsung Galaxy Note 3**

Test Case MDT-06 Device Seizure v6.8		
Test Case MD		
Case	MDT-06 Acquire mobile device internal memory by selecting a combination of	
Summary:	supported data elements.	
Assertions:	MDT-CA-06 If a mobile device forensic tool provides the user with an	
	Acquire All device data objects acquisition option then the tool shall	
	complete the acquisition of all data objects without error.	
	MDT-CA-07 If a mobile device forensic tool provides the user with a Select	
	All individual device data objects then the tool shall complete the	
	acquisition of all individually selected data objects without error.	
	MDT-CA-08 If a mobile device forensic tool provides the user with the	
	ability to Select Individual device data objects for acquisition then the	
	tool shall acquire each exclusive data object without error.	
	MDT-CA-09 If a mobile device forensic tool completes two consecutive	
	logical acquisitions of the target device without error then the payload	

Test Case MDT	-06 Device Seizure v6.8	
	(data objects) on the mobile device shall remain consistent.	
Tester Name:	irr	
Test Host:	PN100919	
Test Host:		
	Fri Apr 17 11:50:11 EDT 2015	
Device:	GalaxyNote3_CDMA	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: cable	
Log	Created by Device Seizure v6.8	
Highlights:	Acquisition started: Fri Apr 17 11:50:11 EDT 2015	
	Acquisition finished: Fri Apr 17 13:28:39 EDT 2015	
Results:		
	Assertion & Expected Result	Actual Result
	MDT-CA-06 Acquire-all mobile device data objects acquisition.	as expected
	MDT-CA-07 Select-all mobile device data objects acquisition.	as expected
	MDT-CA-08 Select-individual mobile device data objects acquisition.	as expected
	MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications.	as expected
Analysis:	Expected results achieved	

33 1.2.7 MDT-12 - Samsung Galaxy Note 3

Test Case MDT	-12 Device Seizure v6.8	
Case	MDT-12 After a successful mobile device internal memor	y, alter the case
Summary:	file via third-party means and attempt to re-open the case.	
Assertions:	rtions: MDT-AO-08 If the case file or individual data objects are modified third-party means then the tool shall provide protection mechanisms	
	disallowing or reporting data modification.	
Tester Name:	irr	
Test Host:	PN100919	
Test Date:	Fri Apr 17 11:50:46 EDT 2015	
Device:	GalaxyNote3_CDMA	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: cable	
Log	Created by Device Seizure v6.8	
Highlights:	Acquisition started: Fri Apr 17 11:50:46 EDT 2015	
, ,	Acquisition finished: Fri Apr 17 13:30:07 EDT 2015	
	-	
	Notification of modified device memory data was not su	ccessful
Results:		
	Assertion & Expected Result	Actual Result
	MDT-AO-08 Notification of modified device case data.	Not as expected
		. *
Analysis:	Expected results not achieved	

34 35

XRY/XACT v6 10 1

1.2.8 MDT-19 - Samsung Galaxy Note 3

Test Case MDT	-19 Device Seizure v6.8	
Case	MDT-19 Acquire mobile device internal memory and review data	containing
Summary:	non-ASCII characters.	
Assertions:	MDT-AO-13 If the mobile device forensic tool supports display characters then acquired data containing non-ASCII characters presented in their native format.	
Tester Name:	jrr	
Test Host:	PN100919	
Test Date:	Fri Apr 17 11:51:30 EDT 2015	
Device:	GalaxyNote3_CDMA	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: cable	
Log Highlights:	Created by Device Seizure v6.8 Acquisition started: Fri Apr 17 11:51:30 EDT 2015 Acquisition finished: Fri Apr 17 13:30:46 EDT 2015 Non-ASCII Address book entries were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed	
Results:		
	Assertion & Expected Result	Actual
		Result
	MDT-AO-13 Acquisition of data containing non-ASCII	as expected
	characters presented in their native format.	
21	Toward adversal to enhisted	
Analysis:	Expected results achieved	

37

38 **1.2.9 MDT-22 - Samsung Galaxy Note 3**

	-22 Device Seizure v6.8	
Case	MDT-22 Acquire mobile device internal memory and review has	h values for
Summary:	vendor supported data objects.	
Assertions:	MDT-AO-15 If the mobile device forensic tool supports hashi	
	individual data objects then the tool shall present the use	r with a hash
	value for each supported data object.	
Tester Name:	jrr	
Test Host:	PN100919	
Test Date:	Fri Apr 17 11:51:59 EDT 2015	
Device:	GalaxyNote3_CDMA	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: cable	
Log	Created by Device Seizure v6.8	
Highlights:	Acquisition started: Fri Apr 17 11:51:59 EDT 2015	
	Acquisition finished: Fri Apr 17 13:31:26 EDT 2015	
	Hash values were properly reported for individually acquire	d device data
	elements	
	Notes:	
	Hashes were present only on PDF report. However, HTML report report hashes.	t doen not
Results:	-	
Results.	Assertion & Expected Result	Actual
	Indication a improved result	Result
	MDT-AO-15 Hash values for individual data and case	as expected
	presented in a useable format.	ab emperced
		1
Analysis:	Expected results achieved	

40 **1.2.10 MDT-24 - Samsung Galaxy Note 3**

Test Case MDT	-24 Device Seizure v6.8	
Case	MDT-24 Acquire mobile device internal memory and review data	a containing GPS
Summary:	longitude and latitude coordinates	
Assertions:	MDT-AO-16 If the mobile device forensic tool supports acquisition of GPS	
	data then the tool shall present the user with the longitude	e and latitude
	coordinates for all GPS-related data in a useable format.	
Tester Name:	jrr	
Test Host:	PN100919	
Test Date:	Fri Apr 17 11:52:31 EDT 2015	
Device:	GalaxyNote3_CDMA	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: cable	
Log Highlights:	Created by Device Seizure v6.8 Acquisition started: Fri Apr 17 11:52:31 EDT 2015 Acquisition finished: Fri Apr 17 13:31:47 EDT 2015 GPS Coordinate data was not successfully acquired	
Results:		
	Assertion & Expected Result	Actual Result
	MDT-AO-16 Acquisition of GPS related data presented in a	Not as
	useable format.	expected
Analysis:	Expected results not achieved	

41 **1.2.11 MDT-01 - Samsung Galaxy S3**

Test Case MDT	-01 Device Seizure v6.8	
Case	MDT-01 Acquire mobile device internal memory over tool-sup	pported interfaces
Summary:	(e.g., cable, Bluetooth, IrDA).	
Assertions:	MDT-CA-01 If a mobile device forensic tool provides support connectivity of the target device then the tool shall succeed recognize the target device via all vendor supported integrable, Bluetooth, IrDA).	cessfully
Tester Name:	jrr	
Test Host:	PN100919	
Test Date:	Fri Apr 17 16:44:18 EDT 2015	
Device:	GalaxyS3_GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: cable	
Log	Created by Device Seizure 6.84	
Highlights:	Acquisition started: Fri Apr 17 16:44:18 EDT 2015	
	Acquisition finished: Mon Apr 20 10:25:14 EDT 2015	
	Device connectivity was established via supported interface	ce
Results:		
	Assertion & Expected Result	Actual Result
	MDT-CA-01 Device connectivity via supported interfaces.	as expected
Analysis:	Expected results achieved	

42

1.2.12 MDT-02 - Samsung Galaxy S3

Test Case MDT	-02 Device Seizure v6.8	
Case Summary:	MDT-02 Begin mobile device internal memory acquisition and interrupt connectivity by interface disengagement.	
Assertions:	MDT-CA-02 If connectivity between the mobile device and mobile device forensic tool is disrupted then the tool shall notify the user that connectivity has been disrupted.	
Tester Name:	jrr	
Test Host:	PN100919	
Test Date:	Fri Apr 17 16:44:50 EDT 2015	
Device:	GalaxyS3_GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: cable	
Log Highlights:	Created by Device Seizure 6.84 Acquisition started: Fri Apr 17 16:44:50 EDT 2015 Acquisition finished: Mon Apr 20 10:25:37 EDT 2015 Device acquisition disruption notification was successful	
Results:	Assertion & Expected Result MDT-CA-02 Notification of device acquisition disruption.	Actual Result as expected
Analysis:	Expected results achieved	

1.2.13 MDT-03 - Samsung Galaxy S3

Test Case MDT	I-03 Device Seizure v6.8	
Case	MDT-03 Acquire mobile device internal memory and review report	rted data via
Summary:	the preview-pane or generated reports for readability.	
Assertions:	MDT-CA-03 If a mobile device forensic tool completes acquisitarget device without error then the tool shall have the abiacquired data objects in a useable format via either a previous generated report.	lity to present
Tester	jrr	
Name:		
Test Host:	PN100919	
Test Date:	Fri Apr 17 16:50:16 EDT 2015	
Device:	GalaxyS3_GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: cable	
Log	Created by Device Seizure 6.84	
Highlights:	Acquisition started: Fri Apr 17 16:50:16 EDT 2015	
	Acquisition finished: Mon Apr 20 10:26:21 EDT 2015	
	Readability and completeness of acquired data was successful	
Results:		
	Assertion & Expected Result	Actual Result
	MDT-CA-03 Readability and completeness of acquired data via supported reports.	as expected
Analysis:	Expected results achieved	

49 **1.2.14 MDT-04 - Samsung Galaxy S3**

Test Case MDT	-04 Device Seizure v6.8	
Case	MDT-04 Acquire mobile device internal memory and review reported subscriber	
Summary:	and equipment related information (e.g., IMSI, IMEI, MEID/ESN, MSISDN).	
Assertions:	MDT-CA-04 If a mobile device forensic tool completes acquis:	ition of the
	target device without error then subscriber and equipment re	elated
	information shall be presented in a useable format.	
Tester Name:	jrr	
Test Host:	PN100919	
Test Date:	Fri Apr 17 16:48:05 EDT 2015	
Device:	GalaxyS3 GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: cable	
Log	Created by Device Seizure 6.84	
Highlights:	Acquisition started: Fri Apr 17 16:48:05 EDT 2015	
	Acquisition finished: Mon Apr 20 10:27:36 EDT 2015	
	IMEI was acquired	
	Notes:	
	MSISDN was not acquired.	
Results:		
	Assertion & Expected Result	Actual
	_	Result
	MDT-CA-04 Acquisition of mobile device subscriber and	Not as
	equipment related data in a useable format.	expected
Analysis:	Partial results achieved	
Imariors.	Tartar repares achieved	

50

1.2.15 MDT-05 - Samsung Galaxy S3

Test Case MD	I-05 Device Seizure v6.8
Case Summary:	MDT-05 Acquire mobile device internal memory and review supported data elements (i.e., PIM data, call logs, SMS, MMS, stand-alone files: audio, pictures, video, application related data: documents, spreadsheets, presentations, social-media data and Internet related data: bookmarks, visited sites).
Assertions:	MDT-CA-05 If a mobile device forensic tool completes acquisition of the target device without error then all supported data elements shall be presented in a useable format.
Tester Name:	jrr
Test Host:	PN100919
Test Date:	Fri Apr 17 16:48:32 EDT 2015
Device:	GalaxyS3_GSM
Source	OS: WIN 7 v6.1.7601
Setup:	Interface: cable
Log	Created by Device Seizure 6.84
Highlights:	Acquisition started: Fri Apr 17 16:48:32 EDT 2015
	Acquisition finished: Mon Apr 20 10:40:55 EDT 2015
	All address book entries were successfully acquired
	ALL PIM related data was acquired
	All Call Logs (incoming, outgoing, missed) were acquired
	All Call Log date/time stamps data were correctly reported
	ALL text messages (SMS, EMS) were acquired
	Correct date/time stamps were reported for all text messages
	Correct status flags were reported for all text messages
	Sender and Recipient phone numbers associated with text messages were
	correctly reported ALL MMS messages (Audio, Image, Video) were acquired
	ALL stand-alone data files (Audio, Image, Video) were acquired
	I ADD Scand-atone data files (Addio, image, video) were acquired

Test Case MD	T-05 Device Seizure v6.8	
	All application data was acquired All Internet related data was acquired Partial Social media related data was acquired	
	Notes: Deleted SMS and memo were recovered. Outgoing MMS status flags type were incorrectly identified a they were successfully sent. Data from Twitter or LinkedIn was not acquired, only from Fac	
Results:	Assertion & Expected Result	Actual Result
	MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.	Not as expected
Analysis:	Partial results achieved	

53 **1.2.16 MDT-06 - Samsung Galaxy S3**

Test Case MDT	-06 Device Seizure v6.8	
Case	MDT-06 Acquire mobile device internal memory by selecting a c	ombination of
Summary:	supported data elements.	
Assertions:	MDT-CA-06 If a mobile device forensic tool provides the user with an Acquire All device data objects acquisition option then the tool shall complete the acquisition of all data objects without error. MDT-CA-07 If a mobile device forensic tool provides the user with an Select All individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error. MDT-CA-08 If a mobile device forensic tool provides the user with the ability to Select Individual device data objects for acquisition then the tool shall acquire each exclusive data object without error. MDT-CA-09 If a mobile device forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent.	
Tester Name:	irr	
Test Host:	PN100919	
Test Date:	Fri Apr 17 16:49:13 EDT 2015	
Device:	GalaxyS3 GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: cable	
Log Highlights:	Created by Device Seizure v6.8 Acquisition started: Fri Apr 17 16:49:13 EDT 2015 Acquisition finished: Mon Apr 20 10:42:19 EDT 2015 Individual data element acquisition was successful	
Results:		
1.05 4 1 0 5 1	Assertion & Expected Result	Actual Result
	MDT-CA-06 Acquire-all mobile device data objects acquisition.	as expected
	MDT-CA-07 Select-all mobile device data objects acquisition.	as expected
	MDT-CA-08 Select-individual mobile device data objects acquisition.	as expected
	MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications.	as expected
Analysis:	Expected results achieved	

1.2.17 MDT-07 - Samsung Galaxy S3

Test Case MDT	2-07 Device Seizure v6.8	
Case Summary:	MDT-07 Acquire UICC memory over supported interfaces (e	.g., PC/SC reader).
Assertions:	MDT-AO-01 If a mobile device forensic tool provides sup connectivity of the target UICC then the tool shall suc the target SIM via all tool-supported interfaces (e.g., proprietary reader, smart phone itself).	cessfully recognize
Tester Name:	jrr	
Test Host:	PN100919	
Test Date:	Fri Apr 17 16:50:49 EDT 2015	
Device:	GalaxyS3_GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: USB	
Log Highlights:	Created by Device Seizure 6.84 Acquisition started: Fri Apr 17 16:50:49 EDT 2015 Acquisition finished: Mon Apr 20 10:45:04 EDT 2015 UICC connectivity was established via supported interfa	ce
Results:		
	Assertion & Expected Result MDT-AO-01 UICC connectivity via supported interfaces.	Actual Result as expected
Analysis:	Expected results achieved	

55

56 **1.2.18 MDT-08 - Samsung Galaxy S3**

Test Case MDT-	-08 Device Seizure v6.8	
Case	MDT-08 Begin UICC acquisition and interrupt connectivity by interface	
Summary:	disengagement.	
Assertions:	MDT-AO-02 If a mobile device forensic tool loses connectivity with the UICC reader then the tool shall notify the user that connectivity has been disrupted.	
Tester Name:	jrr	
Test Host:	PN100919	
Test Date:	Fri Apr 17 16:51:23 EDT 2015	
Device:	GalaxyS3_GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: USB	
Log	Created by Device Seizure 6.84	
Highlights:	Acquisition started: Fri Apr 17 16:51:23 EDT 2015	
	Acquisition finished: Mon Apr 20 10:45:26 EDT 2015	
	Media acquisition disruption notification was successfu	1
Results:		
	Assertion & Expected Result	Actual Result
	MDT-A0-02 Notification of SIM acquisition disruption.	as expected
Analysis:	Expected results achieved	

57

58 **1.2.19 MDT-09 - Samsung Galaxy S3**

Test Case MDT-	-09 Device Seizure v6.8
Case	MDT-09Acquire UICC memory and review reported subscriber and equipment
Summary:	related information (i.e., SPN, ICCID, IMSI, MSISDN).
Assertions:	MDT-AO-03 If a mobile device forensic tool completes acquisition of the

Test Case MDT	-09 Device Seizure v6.8	
	target UICC without error then the subscriber and equipment r	elated data
	shall be presented in a useable format.	
Tester Name:	jrr	
Test Host:	PN100919	
Test Date:	Fri Apr 17 16:51:55 EDT 2015	
Device:	GalaxyS3_GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: USB	
Log	Created by Device Seizure 6.84	
Highlights:	Acquisition started: Fri Apr 17 16:51:55 EDT 2015	
	Acquisition finished: Mon Apr 20 13:27:45 EDT 2015	
	All subscriber-related data (i.e., SPN, ICCID, IMSI, MSISDN)	was acquired
	Notes:	
	MSISDN was only present on PDF report.	
	MSISDN was only present on PDF report.	
Results:		
	Assertion & Expected Result	Actual
		Result
	MDT-AO-03 Acquisition of UICC subscriber and equipment	as expected
	related data in a useable format.	
i		
Analysis:	Expected results achieved	

60 **1.2.20 MDT-10 - Samsung Galaxy S3**

Test Case MDT	-10 Device Seizure v6.8	
Case	MDT-10 Acquire UICC memory and review supported data elements	s (i.e.,
Summary:	Abbreviated Dialing Numbers, Last Numbers Dialed, SMS/EMS te	xt messages,
	and location related data: LOCI, GPRSLOCI).	
Assertions:	ertions: MDT-AO-04 If a mobile device forensic tool completes acquisition of the target UICC without error then all acquired data shall be presented in useable format.	
Tester Name:	jrr	
Test Host:	PN100919	
Test Date:	Fri Apr 17 16:54:01 EDT 2015	
Device:	GalaxyS3 GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: USB	
Log Highlights:	Created by Device Seizure 6.84 Acquisition started: Fri Apr 17 16:54:01 EDT 2015	
mightights.	Acquisition finished: Mon Apr 20 13:29:58 EDT 2015	
	All ADNs were acquired	
	LNDs were acquired	
	Date/Time Stamps correctly reported for LNDs	
	ALL text messages (SMS, EMS) were acquired	
	All date/time stamps were reported for text messages	
	Correct status flags were reported for text messages	
	Sender and Recipient phone numbers associated with text mess- correctly reported	ages were
	Deleted text message data was recovered	
	LOCI data was acquired	
	GPRSLOCI data was acquired	
Results:		
	Assertion & Expected Result	Actual Result
	MDT-AO-04 Acquisition of all UICC supported data elements	as expected
	in a useable format.	

62 **1.2.21 MDT-11 - Samsung Galaxy S3**

Test Case MDT	-11 Device Seizure v6.8	
Case	MDT-11 Acquire UICC memory by selecting a combination of	supported data
Summary:	elements.	
Assertions:	MDT-AO-05 If a mobile device forensic tool provides the us	ser with an
	Acquire All UICC data objects acquisition option then the	
	complete the acquisition of all data objects without error	
	MDT-AO-06 If a mobile device forensic tool provides the us	
	All individual UICC data objects then the tool shall comp	
	acquisition of all individually selected data objects wit	
	MDT-AO-07 If a mobile device forensic tool provides the us	
	ability to Select Individual UICC data objects for acquis	
	tool shall acquire each exclusive data object without erro	or.
Tester Name:	jrr	
Test Host:	PN100919	
Test Date:	Fri Apr 17 16:54:31 EDT 2015	
Device:	GalaxyS3_GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: USB	
Log	Created by Device Seizure 6.84	
Highlights:	Acquisition started: Fri Apr 17 16:54:31 EDT 2015	
	Acquisition finished: Mon Apr 20 13:30:22 EDT 2015	
	Individual data element acquisition was successful	
Results:		
	Assertion & Expected Result	Actual Result
	MDT-AO-05 Acquire-all UICC data objects acquisition.	as expected
	MDT-AO-06 Select-all UICC data objects acquisition.	as expected
	MDT-AO-07 Select-individual UICC data objects	as expected
	acquisition.	
Analysis:	Expected results achieved	

63

64 **1.2.22 MDT-12 - Samsung Galaxy S3**

	<u> </u>	
Test Case MDT	-12 Device Seizure v6.8	
Case	MDT-12 After a successful mobile device internal memor	y, alter the case
Summary:	file via third-party means and attempt to re-open the	case.
Assertions:	MDT-AO-08 If the case file or individual data objects third-party means then the tool shall provide protectidisallowing or reporting data modification.	
Tester Name:	jrr	
Test Host:	PN100919	
Test Date:	Fri Apr 17 16:55:11 EDT 2015	
Device:	GalaxyS3_GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: cable	
Loq	Created by Device Seizure 6.84	
Highlights:	Acquisition started: Fri Apr 17 16:55:11 EDT 2015	
	Acquisition finished: Mon Apr 20 13:31:07 EDT 2015	
	Notification of modified device memory data was not su	ccessful
Results:		
	Assertion & Expected Result	Actual Result
	MDT-AO-08 Notification of modified device case data.	Not as expected

Test Case MDT-12 Device Seizure v6.8	
Analysis:	Expected results not achieved

1.2.23 MDT-13 - Samsung Galaxy S3

Test Case MDT	-13 Device Seizure v6.8	
Case	MDT-13 After a successful UICC acquisition, alter the	case file via third-
Summary:	party means and attempt to re-open the case.	
Assertions:	MDT-AO-08 If the case file or individual data objects	are modified via
	third-party means then the tool shall provide protection	on mechanisms
	disallowing or reporting data modification.	
Tester Name:	jrr	
Test Host:	PN100919	
Test Date:	Fri Apr 17 16:55:45 EDT 2015	
Device:	GalaxyS3_GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: USB	
Log	Created by Device Seizure 6.84	
Highlights:	Acquisition started: Fri Apr 17 16:55:45 EDT 2015	
	Acquisition finished: Mon Apr 20 13:31:37 EDT 2015	
	Notification of modified SIM data was not successful	
Results:		
Results:	Deposition & Reposit of Reposit	201001 20001
	Assertion & Expected Result	Actual Result
	MDT-AO-08 Notification of modified device case data.	Not as expected
Anolugia.	Reported warults not achieved	
Analysis:	Expected results not achieved	

1.2.24 MDT-14 - Samsung Galaxy S3

Test Case MDT	-14 Device Seizure v6.8
Case Summary:	MDT-14 Attempt acquisition of a password-protected UICC.
Assertions:	MDT-AO-09 If the UICC is password-protected then the mobile device forensic tool shall provide the examiner with the opportunity to input the PIN before acquisition.
Tester Name:	jrr
Test Host:	PN100919
Test Date:	Fri Apr 17 16:56:16 EDT 2015
Device:	GalaxyS3_GSM
Source	OS: WIN 7 v6.1.7601
Setup:	Interface: USB
Log	Created by Device Seizure 6.84
Highlights:	Acquisition started: Fri Apr 17 16:56:16 EDT 2015
	Acquisition finished: Mon Apr 20 13:31:59 EDT 2015
	Ability to enter PIN on protected media before acquisition was successful
Results:	
	Assertion & Expected Result Actual Result
	MDT-AO-09 Acquisition of password protected UICC. as expected
Analysis:	Expected results achieved

70 **1.2.25 MDT-15 - Samsung Galaxy S3**

Test Case MDT	-15 Device Seizure v6.8	
Case	MDT-15 Begin acquisition on a PIN protected UICC to determine	ne if the tool
Summary:	provides an accurate count of the remaining number of PIN at	tempts and if
	the PIN attempts are decremented when entering an incorrect	value.
Assertions:	MDT-AO-10 If a mobile device forensic tool provides the exam	
	remaining number of authentication attempts then the application	ation should
	provide an accurate count of the remaining PIN attempts.	
Tester Name:	jrr	
Test Host:	PN100919	
Test Date:	Fri Apr 17 16:56:51 EDT 2015	
Device:	GalaxyS3_GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: USB	
Log	Created by Device Seizure 6.84	
Highlights:	Acquisition started: Fri Apr 17 16:56:51 EDT 2015	
_	Acquisition finished: Mon Apr 20 13:32:21 EDT 2015	
	The remaining number of PIN attempts were properly displayed	i
Results:		
	Assertion & Expected Result	Actual
	-	Result
	MDT-AO-10 Remaining number of PIN attempts properly	as expected
	displayed.	[
		<u> </u>
Analysis:	Expected results achieved	

71

72 **1.2.26 MDT-16 - Samsung Galaxy S3**

Test Case MDT	-16 Device Seizure v6.8	
Case	MDT-16 Begin acquisition on a UICC whose PIN attempts have	been exhausted
Summary:	to determine if the tool provides an accurate count of the	remaining number
	of PUK attempts and if the PUK attempts are decremented wh	en entering an
	incorrect value.	-
Assertions:	MDT-AO-11 If a mobile device forensic tool provides the ex	aminer with the
	remaining number of PUK attempts then the application shou	ld provide an
	accurate count of the remaining PUK attempts.	-
Tester	jrr	
Name:		
Test Host:	PN100919	
Test Date:	Fri Apr 17 16:57:31 EDT 2015	
Device:	GalaxyS3_GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: USB	
Log	Created by Device Seizure 6.84	
Highlights:	Acquisition started: Fri Apr 17 16:57:31 EDT 2015	
	Acquisition finished: Mon Apr 20 13:33:14 EDT 2015	
	Remaining number of PUK attempts were properly displayed	
	Notes:	
	The first time the wrong data is entered, the amount of tr	
	decrease. However, the second time you try it does decrea	se.
Results:		
	Assertion & Expected Result	Actual
		Result
	MDT-AO-11 Remaining number of PUK attempts properly	as expected
	displayed.	
Analysis:	Expected results achieved	

73 **1.2.27 MDT-19 - Samsung Galaxy S3**

Test Case MDT	-19 Device Seizure v6.8	
Case	MDT-19 Acquire mobile device internal memory and review data	containing
Summary:	non-ASCII characters.	
Assertions:	MDT-AO-13 If the mobile device forensic tool supports display characters then acquired data containing non-ASCII characters presented in their native format.	
Tester Name:	jrr	
Test Host:	PN100919	
Test Date:	Fri Apr 17 16:58:00 EDT 2015	
Device:	GalaxyS3_GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: cable	
Log Highlights:	Created by Device Seizure 6.84 Acquisition started: Fri Apr 17 16:58:00 EDT 2015 Acquisition finished: Mon Apr 20 13:36:30 EDT 2015 Non-ASCII Address book entries were acquired and properly displayed	played
Results:		
	Assertion & Expected Result	Actual
		Result
	MDT-AO-13 Acquisition of data containing non-ASCII	as expected
	characters presented in their native format.	
Analysis:	Expected results achieved	
IIIIGIJ DID.	Inpected results delitered	

74 **1.2.28 MDT-20 - Samsung Galaxy S3**

Case	MDT-20 Acquire UICC memory and review data containing non-ASC	TT characters
	mbi-20 Acquire office memory and review data containing non-Asc.	II Characters.
Summary:		
Assertions:	MDT-AO-13 If the mobile device forensic tool supports display characters then acquired data containing non-ASCII characters presented in their native format.	
Tester Name:	jrr	
Test Host:	PN100919	
Test Date:	Fri Apr 17 16:58:38 EDT 2015	
Device:	GalaxyS3_GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: USB	
Log	Created by Device Seizure 6.84	
Highlights:	Acquisition started: Fri Apr 17 16:58:38 EDT 2015	
	Acquisition finished: Mon Apr 20 13:37:20 EDT 2015	
	Non-ASCII ADNs were acquired and properly displayed	
	Non-ASCII text messages were acquired and properly displayed	
Results:		
	Assertion & Expected Result	Actual Result
	MDT-AO-13 Acquisition of data containing non-ASCII	as expected
	characters presented in their native format.	
Analysis:	Expected results achieved	

77 **1.2.29 MDT-22 - Samsung Galaxy S3**

Test Case MDT-	-22 Device Seizure v6.8	
Case	MDT-22 Acquire mobile device internal memory and review hash	values for
Summary:	vendor supported data objects.	
Assertions:	MDT-AO-15 If the mobile device forensic tool supports hashing individual data objects then the tool shall present the user value for each supported data object.	
Tester Name:	irr	
Test Host:	PN100919	
Test Date:	Mon Apr 20 13:39:24 EDT 2015	
Device:	GalaxyS3_GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: cable	
Log Highlights:	Created by Device Seizure 6.84 Acquisition started: Mon Apr 20 13:39:24 EDT 2015 Acquisition finished: Mon Apr 20 13:41:16 EDT 2015 Hash values were properly reported for individually acquired elements Notes: Hashes were present only on PDF report. However, HTML report report hashes.	
Results:	Assertion & Expected Result MDT-A0-15 Hash values for individual data and case presented in a useable format.	Actual Result as expected
Analysis:	Expected results achieved	

78

79 **1.2.30 MDT-23 - Samsung Galaxy S3**

Test Case MDT	-23 Device Seizure v6.8	
Case	MDT-23 Acquire UICC memory and review hash values for vendor	supported data
Summary:	objects.	
Assertions:	MDT-AO-15 If the mobile device forensic tool supports hashing	g for
	individual data objects then the tool shall present the user	with a hash
	value for each supported data object.	
Tester Name:	jrr	
Test Host:	PN100919	
Test Date:	Fri Apr 17 16:59:56 EDT 2015	
Device:	GalaxyS3_GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: USB	
Log	Created by Device Seizure 6.84	
Highlights:	Acquisition started: Fri Apr 17 16:59:56 EDT 2015	
	Acquisition finished: Mon Apr 20 13:40:07 EDT 2015	
	Hash values were properly reported for individually acquired elements	SIM data
	Notes:	
	Hashes were present only on PDF report. However, HTML report report hashes.	doen not
Results:		
	Assertion & Expected Result	Actual Result
	MDT-AO-15 Hash values for individual data and case	as expected
	presented in a useable format.	

Test Case MDT-23 Device Seizure v6.8	
Analysis:	Expected results achieved

81 **1.2.31 MDT-24 - Samsung Galaxy S3**

Test Case MDT	-24 Device Seizure v6.8	
Case Summary:	MDT-24 Acquire mobile device internal memory and review data containing GPS longitude and latitude coordinates	
Assertions:	MDT-AO-16 If the mobile device forensic tool supports acquisition of GPS data then the tool shall present the user with the longitude and latitude coordinates for all GPS-related data in a useable format.	
Tester Name:	jrr	
Test Host:	PN100919	
Test Date:	Fri Apr 17 17:00:32 EDT 2015	
Device:	GalaxyS3_GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: cable	
Log Highlights:	Created by Device Seizure 6.84 Acquisition started: Fri Apr 17 17:00:32 EDT 2015 Acquisition finished: Mon Apr 20 13:42:39 EDT 2015 GPS Coordinate data was not successfully acquired	
Results:		
	Assertion & Expected Result	Actual Result
	MDT-AO-16 Acquisition of GPS related data presented in a useable format.	Not as expected
Analysis:	Expected results not achieved	

82 **1.2.32 MDT-01 - Samsung Galaxy S4**

Test Case MDT	-01 Device Seizure v6.8	
Case	MDT-01 Acquire mobile device internal memory over tool-supported interfaces	
Summary:	(e.g., cable, Bluetooth, IrDA).	
Assertions:	MDT-CA-01 If a mobile device forensic tool provides support for	
	connectivity of the target device then the tool shall such	cessfully
	recognize the target device via all vendor supported inter	rfaces (e.g.,
	cable, Bluetooth, IrDA).	
	•	
Tester Name:	jrr	
Test Host:	PN100919	
Test Date:	Fri Apr 17 13:40:10 EDT 2015	
Device:	GalaxyS4_GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: cable	
Log	Created by Device Seizure v6.8	
Highlights:	Acquisition started: Fri Apr 17 13:40:10 EDT 2015	
	Acquisition finished: Fri Apr 17 15:41:23 EDT 2015	
	Device connectivity was established via supported interface	ce
Results:		
	Assertion & Expected Result	Actual Result
	MDT-CA-01 Device connectivity via supported interfaces.	as expected
Analysis:	Expected results achieved	

84 **1.2.33 MDT-02 - Samsung Galaxy S4**

Test Case MDT	-02 Device Seizure v6.8	
Case	MDT-02 Begin mobile device internal memory acquisition and	interrupt
Summary:	connectivity by interface disengagement.	
Assertions:	MDT-CA-02 If connectivity between the mobile device and mobile device	
	forensic tool is disrupted then the tool shall notify the	user that
	connectivity has been disrupted.	
Tester Name:	irr	
Test Host:	PN100919	
Test Date:	Fri Apr 17 13:40:45 EDT 2015	
Device:	GalaxyS4_GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: cable	
Log	Created by Device Seizure v6.8	
Highlights:	Acquisition started: Fri Apr 17 13:40:45 EDT 2015	
	Acquisition finished: Fri Apr 17 15:41:48 EDT 2015	
	Device acquisition disruption notification was successful	
Results:		
	Assertion & Expected Result	Actual Result
	MDT-CA-02 Notification of device acquisition disruption.	as expected
		_
Analysis:	Expected results achieved	

85

86 **1.2.34 MDT-03 - Samsung Galaxy S4**

Test Case MDT	-03 Device Seizure v6.8	
Case	MDT-03 Acquire mobile device internal memory and review repor	ted data via
Summary:	the preview-pane or generated reports for readability.	
Assertions:	MDT-CA-03 If a mobile device forensic tool completes acquisition of the	
	target device without error then the tool shall have the abil	
	acquired data objects in a useable format via either a previe	w-pane or
	generated report.	
Tester	jrr	
Name:		
Test Host:	PN100919	
Test Date:	Fri Apr 17 13:42:05 EDT 2015	
Device:	GalaxyS4_GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: cable	
Log	Created by Device Seizure v6.8	
Highlights:	Acquisition started: Fri Apr 17 13:42:05 EDT 2015	
	Acquisition finished: Fri Apr 17 15:42:14 EDT 2015	
	Readability and completeness of acquired data was successful	
Results:		
	Assertion & Expected Result	Actual
		Result
	MDT-CA-03 Readability and completeness of acquired data	as expected
	via supported reports.	
Analysis:	Expected results achieved	

87

88

1.2.35 MDT-04 - Samsung Galaxy S4

Test Case MDT	-04 Device Seizure v6.8
Case	MDT-04 Acquire mobile device internal memory and review reported subscriber
Summary:	and equipment related information (e.g., IMSI, IMEI, MEID/ESN, MSISDN).

Test Case MDT-	-04 Device Seizure v6.8	
Assertions:	MDT-CA-04 If a mobile device forensic tool completes acquis target device without error then subscriber and equipment r information shall be presented in a useable format.	
Tester Name:	jrr	
Test Host:	PN100919	
Test Date:	Fri Apr 17 16:47:26 EDT 2015	
Device:	GalaxyS3_GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: cable	
Log Highlights:	Created by Device Seizure 6.84 Acquisition started: Fri Apr 17 16:47:26 EDT 2015 Acquisition finished: Fri Apr 17 15:45:19 EDT 2015 IMEI was acquired Notes: MSISDN was not acquired.	
Results:	Assertion & Expected Result MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format.	Actual Result Not as expected
Analysis:	Partial results achieved	

90 **1.2.36 MDT-05 - Samsung Galaxy S4**

Test Case MD1	T-05 Device Seizure v6.8
Case	MDT-05 Acquire mobile device internal memory and review supported data
Summary:	elements (i.e., PIM data, call logs, SMS, MMS, stand-alone files: audio,
	pictures, video, application related data: documents, spreadsheets,
	presentations, social-media data and Internet related data: bookmarks,
	visited sites).
Assertions:	MDT-CA-05 If a mobile device forensic tool completes acquisition of the
	target device without error then all supported data elements shall be
	presented in a useable format.
Tester	jrr
Name:	
Test Host:	PN100919
Test Date:	Fri Apr 17 13:43:15 EDT 2015
Device:	GalaxyS4_GSM
Source	OS: WIN 7 v6.1.7601
Setup:	Interface: cable
Log	Created by Device Seizure v6.8
Highlights:	Acquisition started: Fri Apr 17 13:43:15 EDT 2015
	Acquisition finished: Fri Apr 17 15:48:59 EDT 2015
	All address book entries were successfully acquired
	ALL PIM related data was acquired
	All Call Logs (incoming, outgoing, missed) were acquired
	All Call Log date/time stamps data were correctly reported
	ALL text messages (SMS, EMS) were acquired
	Correct date/time stamps were reported for all text messages
	Correct status flags were reported for all text messages
	Sender and Recipient phone numbers associated with text messages were
	correctly reported
	ALL MMS messages (Audio, Image, Video) were acquired
	ALL stand-alone data files (Audio, Image, Video) were acquired
	All application data was acquired
	Internet related data was not acquired
	Partial Social media related data was acquired

Test Case Mi	OT-05 Device Seizure v6.8	
	Notes:	
	Deleted calendar entry was recovered.	
	No Browser history nor Bookmarks were acquired.	
	Data from LinkedIn or Twitter was not acquired.	
Results:		
	Assertion & Expected Result	Actual
		Result
	MDT-CA-05 Acquisition of all mobile device supported data	Not as
	elements in a useable format.	expected
Analysis:	Partial results achieved	

92

1.2.37 MDT-06 - Samsung Galaxy S4

Test Case MDT	-06 Device Seizure v6.8	
Case	MDT-06 Acquire mobile device internal memory by selecting a	combination of
Summary:	supported data elements.	
Assertions:	MDT-CA-06 If a mobile device forensic tool provides the user with an Acquire All device data objects acquisition option then the tool shall complete the acquisition of all data objects without error. MDT-CA-07 If a mobile device forensic tool provides the user with an Select All individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error. MDT-CA-08 If a mobile device forensic tool provides the user with the ability to Select Individual device data objects for acquisition then the tool shall acquire each exclusive data object without error. MDT-CA-09 If a mobile device forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent.	
Tester Name:	jrr	
Test Host:	PN100919	
Test Date:	Fri Apr 17 13:44:13 EDT 2015	
Device:	GalaxyS4 GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: cable	
Log	Created by Device Seizure v6.8	
Highlights:	Acquisition started: Fri Apr 17 13:44:13 EDT 2015	
	Acquisition finished: Fri Apr 17 15:49:19 EDT 2015	
	Individual data element acquisition was successful	
Results:		
	Assertion & Expected Result	Actual Result
	MDT-CA-06 Acquire-all mobile device data objects acquisition.	as expected
	MDT-CA-07 Select-all mobile device data objects acquisition.	as expected
	MDT-CA-08 Select-individual mobile device data objects acquisition.	as expected
	MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications.	as expected
Analysis:	Expected results achieved	

93

94 **1.2.38 MDT-07 - Samsung Galaxy S4**

Test Case MDT-07 Device Seizure v6.8		
Case	MDT-07 Acquire UICC memory over supported interfaces (e.g., PC/SC reader).	
Summary:		
Assertions:	MDT-AO-01 If a mobile device forensic tool provides support for	

Test Case MDT	-07 Device Seizure v6.8	
	connectivity of the target UICC then the tool shall suc the target SIM via all tool-supported interfaces (e.g., proprietary reader, smart phone itself).	1 3
Tester Name:	jrr	
Test Host:	PN100919	
Test Date:	Fri Apr 17 13:46:40 EDT 2015	
Device:	GalaxyS4_GSM	
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB	
Log Highlights:	Created by Device Seizure v6.8 Acquisition started: Fri Apr 17 13:46:40 EDT 2015 Acquisition finished: Fri Apr 17 15:49:41 EDT 2015 UICC connectivity was established via supported interfa	ce
Results:	Assertion & Expected Result MDT-A0-01 UICC connectivity via supported interfaces.	Actual Result as expected
Analysis:	Expected results achieved	

96 **1.2.39 MDT-08 - Samsung Galaxy S4**

Test Case MDT	-08 Device Seizure v6.8		
Case	MDT-08 Begin UICC acquisition and interrupt connectivity by interface		
Summary:	disengagement.		
Assertions:	MDT-AO-02 If a mobile device forensic tool loses connectivity with the U		
	reader then the tool shall notify the user that connect	ivity has been	
	disrupted.		
Tester Name:	jrr		
Test Host:	PN100919		
Test Date:	Fri Apr 17 13:47:13 EDT 2015		
Device:	GalaxyS4_GSM		
Source	OS: WIN 7 v6.1.7601		
Setup:	Interface: USB		
Log	Created by Device Seizure v6.8		
Highlights:	Acquisition started: Fri Apr 17 13:47:13 EDT 2015		
	Acquisition finished: Fri Apr 17 15:50:01 EDT 2015		
	Media acquisition disruption notification was successfu	1	
Results:			
	Assertion & Expected Result	Actual Result	
	MDT-AO-02 Notification of SIM acquisition disruption.	as expected	
Analysis:	Expected results achieved		

97

98 **1.2.40 MDT-09 - Samsung Galaxy S4**

Test Case MDT-09 Device Seizure v6.8		
Case	MDT-09Acquire UICC memory and review reported subscriber and equipment	
Summary:	related information (i.e., SPN, ICCID, IMSI, MSISDN).	
Assertions:	MDT-AO-03 If a mobile device forensic tool completes acquisition of the target UICC without error then the subscriber and equipment related data shall be presented in a useable format.	
Tester Name:	jrr	
Test Host:	PN100919	

Test Case MDT	-09 Device Seizure v6.8	
Test Date:	Fri Apr 17 13:47:43 EDT 2015	
Device:	GalaxyS4_GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: USB	
Log Highlights:	Created by Device Seizure v6.8 Acquisition started: Fri Apr 17 13:47:43 EDT 2015 Acquisition finished: Fri Apr 17 16:19:18 EDT 2015 All subscriber-related data (i.e., SPN, ICCID, IMSI, MSISDN) Notes: MSISDN was only present on PDF report.	was acquired
Results:	Assertion & Expected Result	Actual Result
	MDT-AO-03 Acquisition of UICC subscriber and equipment related data in a useable format.	as expected
Analysis:	Expected results achieved	

100

1.2.41 MDT-10 - Samsung Galaxy S4

Case Summary:		s (i.e.,
	MDT-10 Acquire UICC memory and review supported data elements (i.e., Abbreviated Dialing Numbers, Last Numbers Dialed, SMS/EMS text messages, and location related data: LOCI, GPRSLOCI).	
Assertions:	MDT-AO-04 If a mobile device forensic tool completes acquisitarget UICC without error then all acquired data shall be prouseable format.	
Tester Name:	jrr	
Test Host:	PN100919	
Test Date:	Fri Apr 17 13:48:23 EDT 2015	
Device:	GalaxyS4 GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: USB	
Log Highlights:	Created by Device Seizure v6.8	
Results:	Assertion & Expected Result MDT-AO-04 Acquisition of all UICC supported data elements	Actual Result as expected
	in a useable format.	as expected
Analysis:	Expected results achieved	

102 **1.2.42 MDT-11 - Samsung Galaxy S4**

Test Case MDT	-11 Device Seizure v6.8		
Case	MDT-11 Acquire UICC memory by selecting a combination of su	ipported data	
Summary:	elements.		
Assertions:	MDT-AO-05 If a mobile device forensic tool provides the user with an Acquire All UICC data objects acquisition option then the tool shall complete the acquisition of all data objects without error. MDT-AO-06 If a mobile device forensic tool provides the user with an Select All individual UICC data objects then the tool shall complete the acquisition of all individually selected data objects without error. MDT-AO-07 If a mobile device forensic tool provides the user with the ability to Select Individual UICC data objects for acquisition then the tool shall acquire each exclusive data object without error.		
Tester Name:	jrr		
Test Host:	PN100919		
Test Date:	Fri Apr 17 13:49:00 EDT 2015		
Device:	GalaxyS4 GSM		
Source	OS: WIN 7 v6.1.7601		
Setup:	Interface: USB		
Log Highlights:	Created by Device Seizure v6.8 Acquisition started: Fri Apr 17 13:49:00 EDT 2015 Acquisition finished: Fri Apr 17 16:21:14 EDT 2015 Individual data element acquisition was successful		
Results:			
	Assertion & Expected Result	Actual Result	
	MDT-AO-05 Acquire-all UICC data objects acquisition.	as expected	
	MDT-AO-06 Select-all UICC data objects acquisition.	as expected	
	MDT-A0-07 Select-individual UICC data objects acquisition.	as expected	
		1	
Analysis:	Expected results achieved		

103

104 **1.2.43 MDT-12 - Samsung Galaxy S4**

Test Case MDT	-12 Device Seizure v6.8		
Case	MDT-12 After a successful mobile device internal memory, alter the case		
Summary:	file via third-party means and attempt to re-open the case.		
Assertions:	MDT-AO-08 If the case file or individual data objects are modified via		
	third-party means then the tool shall provide protection mechanisms		
	disallowing or reporting data modification.		
Tester Name:	jrr		
Test Host:	PN100919		
Test Date:	Fri Apr 17 13:50:09 EDT 2015		
Device:	GalaxyS4_GSM		
Source	OS: WIN 7 v6.1.7601		
Setup:	Interface: cable		
Log	Created by Device Seizure v6.8		
Highlights:	Acquisition started: Fri Apr 17 13:50:09 EDT 2015		
	Acquisition finished: Fri Apr 17 16:22:52 EDT 2015		
	Notification of modified device memory data was not su	ccessful	
Results:			
Results:	Assertion & Expected Result	Actual Result	
	-		
	MDT-AO-08 Notification of modified device case data.	Not as expected	
Analysis:	Expected results not achieved		
	Lipotota robaros nos asintorea		

1.2.44 MDT-13 - Samsung Galaxy S4

Test Case MDT-	-13 Device Seizure v6.8	
Case	MDT-13 After a successful UICC acquisition, alter the case file vi	ia third-
Summary:	party means and attempt to re-open the case.	
Assertions:	MDT-AO-08 If the case file or individual data objects are modified	d via
	third-party means then the tool shall provide protection mechanism	ns
	disallowing or reporting data modification.	
Tester Name:	jrr	
Test Host:	PN100919	
Test Date:	Fri Apr 17 13:50:54 EDT 2015	
Device:	GalaxyS4_GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: USB	
Log	Created by Device Seizure v6.8	
Highlights:	Acquisition started: Fri Apr 17 13:50:54 EDT 2015	
	Acquisition finished: Fri Apr 17 16:24:46 EDT 2015	
	Notification of modified SIM data was not successful	
D 11		
Results:		
	Assertion & Expected Result Actual Re	
	MDT-AO-08 Notification of modified device case data. Not as exp	ected
Analysis:	Expected results not achieved	

1.2.45 MDT-14 - Samsung Galaxy S4

Test Case MDT	-14 Device Seizure v6.8		
Case	MDT-14 Attempt acquisition of a password-protected UICC.		
Summary:			
Assertions:	MDT-AO-09 If the UICC is password-protected then the mobile device forensic tool shall provide the examiner with the opportunity to input the PIN before acquisition.		
Tester Name:	jrr		
Test Host:	PN100919		
Test Date:	Fri Apr 17 13:51:29 EDT 2015		
Device:	GalaxyS4_GSM		
Source	OS: WIN 7 v6.1.7601		
Setup:	Interface: USB		
Log	Created by Device Seizure v6.8		
Highlights:	Acquisition started: Fri Apr 17 13:51:29 EDT 2015		
	Acquisition finished: Fri Apr 17 16:25:04 EDT 2015		
	Ability to enter PIN on protected media before acqu	isition was successful	
Results:			
	Assertion & Expected Result	Actual Result	
	MDT-A0-09 Acquisition of password protected UICC.	as expected	
Analysis:	Expected results achieved		

1.2.46 MDT-15 - Samsung Galaxy S4

Test Case MDT-15 Device Seizure v6.8		
Case	MDT-15 Begin acquisition on a PIN protected UICC to determine if the tool	
Summary:	provides an accurate count of the remaining number of PIN attempts and if the PIN attempts are decremented when entering an incorrect value.	
Assertions:	MDT-AO-10 If a mobile device forensic tool provides the examiner with the remaining number of authentication attempts then the application should	

Test Case MDT	-15 Device Seizure v6.8	
	provide an accurate count of the remaining PIN attempts.	
Tester Name:	jrr	
Test Host:	PN100919	
Test Date:	Fri Apr 17 13:52:50 EDT 2015	
Device:	GalaxyS4_GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: USB	
Log Highlights:	Acquisition started: Fri Apr 17 13:52:40 EDT 2015 Acquisition finished: Fri Apr 17 16:25:42 EDT 2015 The remaining number of PIN attempts were properly displa	ayed
Results:		
	Assertion & Expected Result	Actual Result
	MDT-AO-10 Remaining number of PIN attempts properly displayed.	as expected
Analysis:	Expected results achieved	

112 **1.2.47 MDT-16 - Samsung Galaxy S4**

Test Case MDT	-16 Device Seizure v6.8	
Case Summary:	MDT-16 Begin acquisition on a UICC whose PIN attempts hav to determine if the tool provides an accurate count of th of PUK attempts and if the PUK attempts are decremented w incorrect value.	e remaining number
Assertions:	MDT-AO-11 If a mobile device forensic tool provides the e remaining number of PUK attempts then the application sho accurate count of the remaining PUK attempts.	
Tester Name:	jrr	
Test Host:	PN100919	
Test Date:	Fri Apr 17 13:54:27 EDT 2015	
Device:	GalaxyS4	
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB	
Log Highlights:	Created by Device Seizure v6.8 Acquisition started: Fri Apr 17 13:54:27 EDT 2015 Acquisition finished: Fri Apr 17 16:26:05 EDT 2015 Remaining number of PUK attempts were properly displayed Notes: The first time the wrong data is entered, the amount of tries left does not decrease. However, the second time you try it does decrease.	
Results:	Assertion & Expected Result	Actual Result
	MDT-AO-11 Remaining number of PUK attempts properly displayed.	as expected
Analysis:	Expected results achieved	

113

114 **1.2.48 MDT-19 - Samsung Galaxy S4**

Test Case MDT-19 Device Seizure v6.8		
Case	MDT-19 Acquire mobile device internal memory and review data containing	
Summary:	non-ASCII characters.	

Test Case MDT	-19 Device Seizure v6.8	
Assertions:	MDT-AO-13 If the mobile device forensic tool supports display characters then acquired data containing non-ASCII characters presented in their native format.	
Tester Name:	jrr	
Test Host:	PN100919	
Test Date:	Fri Apr 17 15:36:31 EDT 2015	
Device:	GalaxyS4_GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: cable	
Log	Created by Device Seizure 6.84	
Highlights:	Acquisition started: Fri Apr 17 15:36:31 EDT 2015	
	Acquisition finished: Fri Apr 17 16:28:00 EDT 2015	
	Non-ASCII Address book entries were acquired and properly dis Non-ASCII text messages were acquired and properly displayed	played
Results:		
	Assertion & Expected Result	Actual Result
	MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.	as expected
Analysis:	Expected results achieved	

115 **1.2.49 MDT-20 - Samsung Galaxy S4**

Test Case MDT	-20 Device Seizure v6.8	
Case	MDT-20 Acquire UICC memory and review data containing non-ASC	II characters.
Summary:		
Assertions:		
	characters then acquired data containing non-ASCII characters	should be
	presented in their native format.	
Tester Name:	jrr	
Test Host:	PN100919	
Test Date:	Fri Apr 17 15:37:02 EDT 2015	
Device:	GalaxyS4_GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: USB	
Log	Created by Device Seizure 6.84	
Highlights:	Acquisition started: Fri Apr 17 15:37:02 EDT 2015	
	Acquisition finished: Fri Apr 17 16:28:27 EDT 2015	
	Non-ASCII ADNs were acquired and properly displayed	
	Non-ASCII text messages were acquired and properly displayed	
Results:		
	Assertion & Expected Result	Actual
		Result
	MDT-AO-13 Acquisition of data containing non-ASCII	as expected
	characters presented in their native format.	
Analysis:	Expected results achieved	
MIGINALS:	Expected legalts acuteved	

116

117 **1.2.50 MDT-22 - Samsung Galaxy S4**

Test Case MDT-22 Device Seizure v6.8		
Case	MDT-22 Acquire mobile device internal memory and review hash values for	
Summary:	vendor supported data objects.	
Assertions:	MDT-AO-15 If the mobile device forensic tool supports hashing for	
	individual data objects then the tool shall present the user with a hash	

Test Case MDT	-22 Device Seizure v6.8	
	value for each supported data object.	
Tester Name:	jrr	
Test Host:	PN100919	
Test Date:	Fri Apr 17 16:59:15 EDT 2015	
Device:	GalaxyS3_GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: cable	
Log	Created by Device Seizure 6.84	
Highlights:	Acquisition started: Fri Apr 17 16:59:15 EDT 2015	
	Acquisition finished: Fri Apr 17 17:10:15 EDT 2015	
	Hash values were properly reported for individually acquired device dat elements	
	Notes: Hashes were present only on PDF report. However, HTML report report hashes.	does not
Results:		
	Assertion & Expected Result	Actual Result
	MDT-AO-15 Hash values for individual data and case presented in a useable format.	as expected
Analysis:	Expected results achieved	

119 **1.2.51 MDT-23 - Samsung Galaxy S4**

Test Case MDT	-23 Device Seizure v6.8		
Case	MDT-23 Acquire UICC memory and review hash values for vendor supported	data	
Summary:	objects.		
Assertions:	MDT-AO-15 If the mobile device forensic tool supports hashing for individual data objects then the tool shall present the user with a has value for each supported data object.	sh	
Tester Name:	jrr		
Test Host:	PN100919		
Test Date:	Fri Apr 17 15:39:34 EDT 2015		
Device:	GalaxyS4 GSM		
Source	OS: WIN 7 v6.1.7601		
Setup:	Interface: USB		
Log Highlights:	Created by Device Seizure 6.84 Acquisition started: Fri Apr 17 15:39:34 EDT 2015 Acquisition finished: Fri Apr 17 16:31:21 EDT 2015 Hash values were properly reported for individually acquired SIM data elements Notes: Hashes were present only on PDF report. However, HTML report doen not report hashes.	-	
Results:	Assertion & Expected Result Actual Result		
	MDT-AO-15 Hash values for individual data and case presented in a useable format.	ted	
Analysis:	Expected results achieved		

120

122 **1.2.52 MDT-24 - Samsung Galaxy S4**

Test Case MDT	-24 Device Seizure v6.8	
Case	MDT-24 Acquire mobile device internal memory and review data containing GPS	
Summary:	longitude and latitude coordinates	
Assertions:	MDT-AO-16 If the mobile device forensic tool supports acquisition of GPS data then the tool shall present the user with the longitude and latitude coordinates for all GPS-related data in a useable format.	
Tester Name:	jrr	
Test Host:	PN100919	
Test Date:	Fri Apr 17 15:40:59 EDT 2015	
Device:	GalaxyS4_GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: cable	
Log Highlights:	Created by Device Seizure 6.84 Acquisition started: Fri Apr 17 15:40:59 EDT 2015 Acquisition finished: Mon Apr 20 16:15:09 EDT 2015 GPS Coordinate data was not successfully acquired	
Results:		
	Assertion & Expected Result	Actual Result
	MDT-AO-16 Acquisition of GPS related data presented in a	Not as
	useable format.	expected
Analysis:	Expected results not achieved	

123 **1.2.53 MDT-01 - Samsung Galaxy S5**

Test Case MDT	-01 Device Seizure v6.8	
Case	MDT-01 Acquire mobile device internal memory over tool-supported interfaces	
Summary:	(e.g., cable, Bluetooth, IrDA).	
Assertions:	MDT-CA-01 If a mobile device forensic tool provides suppo	rt for
	connectivity of the target device then the tool shall such	cessfully
	recognize the target device via all vendor supported inte	rfaces (e.g.,
	cable, Bluetooth, IrDA).	
Tester Name:	jrr	
Test Host:	PN100919	
Test Date:	Wed Apr 15 13:36:35 EDT 2015	
Device:	GalaxyS5_CDMA	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: cable	
Log	Created by Device Seizure v6.8	
Highlights:	Acquisition started: Wed Apr 15 13:36:35 EDT 2015	
	Acquisition finished: Wed Apr 15 13:45:41 EDT 2015	
	Device connectivity was established via supported interfa-	ce
Results:		
	Assertion & Expected Result	Actual Result
	MDT-CA-01 Device connectivity via supported interfaces.	as expected
Analysis:	Expected results achieved	

124

125 1.2.54 MDT-02 - Samsung Galaxy S5

Test Case MDT-02 Device Seizure v6.8	
Case	MDT-02 Begin mobile device internal memory acquisition and interrupt
Summary:	connectivity by interface disengagement.
Assertions:	MDT-CA-02 If connectivity between the mobile device and mobile device

-02 Device Seizure v6.8	
forensic tool is disrupted then the tool shall notify the connectivity has been disrupted.	user that
jrr	
PN100919	
Wed Apr 15 13:37:17 EDT 2015	
GalaxyS5_CDMA	
OS: WIN 7 v6.1.7601	
Interface: cable	
-	
-	
Acquisition finished: Wed Apr 15 13:46:08 EDT 2015	
Povide adduction discussion notification was suggestful	
Device acquisition distupcion notification was successful	
Assertion & Expected Result	Actual Result
MDT-CA-02 Notification of device acquisition disruption.	as expected
Expected results achieved	
	forensic tool is disrupted then the tool shall notify the connectivity has been disrupted. jrr PN100919 Wed Apr 15 13:37:17 EDT 2015 GalaxyS5_CDMA OS: WIN 7 v6.1.7601 Interface: cable Created by Device Seizure v6.8 Acquisition started: Wed Apr 15 13:37:17 EDT 2015 Acquisition finished: Wed Apr 15 13:46:08 EDT 2015 Device acquisition disruption notification was successful Assertion & Expected Result

127 **1.2.55 MDT-03 - Samsung Galaxy S5**

Test Case MD	I-03 Device Seizure v6.8	
Case	MDT-03 Acquire mobile device internal memory and review reported data via	
Summary:	the preview-pane or generated reports for readability.	
Assertions:	MDT-CA-03 If a mobile device forensic tool completes acquisit target device without error then the tool shall have the abil acquired data objects in a useable format via either a previous generated report.	lity to present
Tester	jrr	
Name:		
Test Host:	PN100919	
Test Date:	Wed Apr 15 13:38:18 EDT 2015	
Device:	GalaxyS5_CDMA	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: cable	
Log	Created by Device Seizure v6.8	
Highlights:	Acquisition started: Wed Apr 15 13:38:18 EDT 2015	
	Acquisition finished: Wed Apr 15 13:47:57 EDT 2015	
	Readability and completeness of acquired data was successful	
Results:		
	Assertion & Expected Result	Actual
		Result
	MDT-CA-03 Readability and completeness of acquired data	as expected
	via supported reports.	
Analysis:	Expected results achieved	

128

129 **1.2.56 MDT-04 - Samsung Galaxy S5**

Test Case MDT-04 Device Seizure v6.8		
Case	MDT-04 Acquire mobile device internal memory and review reported subscriber	
Summary:	and equipment related information (e.g., IMSI, IMEI, MEID/ESN, MSISDN).	
Assertions:	MDT-CA-04 If a mobile device forensic tool completes acquisition of the target device without error then subscriber and equipment related information shall be presented in a useable format.	
Tester Name:	jrr	

Test Case MDT	-04 Device Seizure v6.8	
Test Host:	PN100919	
Test Date:	Wed Apr 15 13:39:29 EDT 2015	
Device:	GalaxyS5_CDMA	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: cable	
Log	Created by Device Seizure v6.8	•
Highlights:	Acquisition started: Wed Apr 15 13:39:29 EDT 2015	
	Acquisition finished: Wed Apr 15 13:48:54 EDT 2015	
	IMEI, MEID/ESN were acquired	
Results:		
	Assertion & Expected Result	Actual
		Result
	MDT-CA-04 Acquisition of mobile device subscriber and	as expected
	equipment related data in a useable format.	
Analysis:	Expected results achieved	

131 **1.2.57 MDT-05 - Samsung Galaxy S5**

Test Case MDT	-05 Device Seizure v6.8	
Case MDI	MDT-05 Acquire mobile device internal memory and review suppo	rted data
Summary:	elements (i.e., PIM data, call logs, SMS, MMS, stand-alone fi pictures, video, application related data: documents, spreads presentations, social-media data and Internet related data: b	les: audio, heets,
	visited sites).	oommarns,
Assertions:	MDT-CA-05 If a mobile device forensic tool completes acquisit	ion of the
	target device without error then all supported data elements presented in a useable format.	
Tester	jrr	
Name:		
Test Host:	PN100919	
Test Date:	Wed Apr 15 13:40:05 EDT 2015	
Device:	GalaxyS5_CDMA	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: cable	
Log	Created by Device Seizure v6.8	
Highlights:	Acquisition started: Wed Apr 15 13:40:05 EDT 2015	
	All address book entries were successfully acquired	
	Basic PIM related data was acquired	
	Partial Maximum length PIM related data was acquired	
	All Call Logs (incoming, outgoing, missed) were acquired	
	All Call Log date/time stamps data were correctly reported	
	ALL text messages (SMS, EMS) were acquired	
	Correct date/time stamps were reported for all text messages	
	Correct status flags were reported for all text messages	
	Sender and Recipient phone numbers associated with text messa	ges were
	correctly reported	
	ALL MMS messages (Audio, Image, Video) were acquired	
	ALL stand-alone data files (Audio, Image, Video) were acquire	d
	All application data was acquired	
	All Internet related data was acquired	
	Partial Social media related data was acquired	
	Notes:	
	Memos were not acquired.	
	Data from Twitter and LinkedIn data was acquired, not from Fa	cebook.
Results:		
	Assertion & Expected Result	Actual Result
	MDT-CA-05 Acquisition of all mobile device supported data	Not as

Test Case MDT	Test Case MDT-05 Device Seizure v6.8	
	elements in a useable format.	expected
Analysis:	Partial results achieved	

133 **1.2.58 MDT-06 - Samsung Galaxy S5**

Test Case MDT	-06 Device Seizure v6.8	
Case	MDT-06 Acquire mobile device internal memory by selecting a	combination of
Summary:	supported data elements.	
Assertions:	MDT-CA-06 If a mobile device forensic tool provides the user Acquire All device data objects acquisition option then the complete the acquisition of all data objects without error. MDT-CA-07 If a mobile device forensic tool provides the user All individual device data objects then the tool shall comple acquisition of all individually selected data objects without MDT-CA-08 If a mobile device forensic tool provides the user ability to Select Individual device data objects for acquisitionly shall acquire each exclusive data object without error. MDT-CA-09 If a mobile device forensic tool completes two conslogical acquisitions of the target device without error then (data objects) on the mobile device shall remain consistent.	with an Select ete the t error. with the tion then the
Tester Name:	jrr	
Test Host:	PN100919	
Test Date:	Wed Apr 15 13:40:42 EDT 2015	
Device:	GalaxyS5 CDMA	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: cable	
Log Highlights:	Created by Device Seizure v6.8 Acquisition started: Wed Apr 15 13:40:42 EDT 2015 Acquisition finished: Wed Apr 15 16:56:11 EDT 2015 Individual data element acquisition was successful	
Results:		
Results:	Assertion & Expected Result	Actual Result
	MDT-CA-06 Acquire-all mobile device data objects acquisition.	as expected
	MDT-CA-07 Select-all mobile device data objects acquisition.	as expected
	MDT-CA-08 Select-individual mobile device data objects acquisition.	as expected
	MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications.	as expected
Analysis:	Expected results achieved	

134

135 **1.2.59 MDT-12 - Samsung Galaxy S5**

	9
Test Case MDT-12 Device Seizure v6.8	
Case	MDT-12 After a successful mobile device internal memory, alter the case
Summary:	file via third-party means and attempt to re-open the case.
Assertions:	MDT-AO-08 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.
Tester Name:	jrr
Test Host:	PN100919
Test Date:	Wed Apr 15 13:41:31 EDT 2015
Device:	GalaxyS5_CDMA
Source	OS: WIN 7 v6.1.7601
Setup:	Interface: cable

Test Case MDT-12 Device Seizure v6.8		
Log Highlights:	Created by Device Seizure v6.8 Acquisition started: Wed Apr 15 13:41:31 EDT 2015 Acquisition finished: Wed Apr 15 16:56:33 EDT 2015	
Results:	Notification of modified device memory data was not su	ccessful
Results:	Assertion & Expected Result	Actual Result
	MDT-AO-08 Notification of modified device case data.	Not as expected
Analysis:	Expected results not achieved	

137 **1.2.60 MDT-19 - Samsung Galaxy S5**

Test Case MDT	-19 Device Seizure v6.8	
Case	MDT-19 Acquire mobile device internal memory and review d	ata containing
Summary:	non-ASCII characters.	
Assertions:	MDT-AO-13 If the mobile device forensic tool supports dis characters then acquired data containing non-ASCII charac presented in their native format.	
Tester Name:	jrr	
Test Host:	PN100919	
Test Date:	Wed Apr 15 13:43:07 EDT 2015	
Device:	GalaxyS5_CDMA	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: cable	
Log Highlights:	Created by Device Seizure v6.8 Acquisition started: Wed Apr 15 13:43:07 EDT 2015 Acquisition finished: Wed Apr 15 16:57:37 EDT 2015 Non-ASCII Address book entries were acquired and properly Non-ASCII text messages were acquired and properly displa	
Results:	Assertion & Expected Result	Actual Result
	MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.	as expected
Analysis:	characters presented in their native format. Expected results achieved	

138

139 **1.2.61 MDT-22 - Samsung Galaxy S5**

Test Case MDT-	-22 Device Seizure v6.8
Case	MDT-22 Acquire mobile device internal memory and review hash values for
Summary:	vendor supported data objects.
Assertions:	MDT-AO-15 If the mobile device forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object.
Tester Name:	jrr
Test Host:	PN100919
Test Date:	Wed Apr 15 13:43:37 EDT 2015
Device:	GalaxyS5_CDMA
Source	OS: WIN 7 v6.1.7601
Setup:	Interface: cable
Log Highlights:	Created by Device Seizure v6.8 Acquisition started: Wed Apr 15 13:43:37 EDT 2015 Acquisition finished: Wed Apr 15 16:57:47 EDT 2015

Test Case MDT	-22 Device Seizure v6.8	
	Hash values were properly reported for individually acquired elements	l device data
	Notes: Hashes were present only on PDF report. However, HTML report report hashes.	does not
Results:		
	Assertion & Expected Result	Actual Result
	MDT-AO-15 Hash values for individual data and case presented in a useable format.	as expected
Analysis:	Expected results achieved	

141 **1.2.62 MDT-24 - Samsung Galaxy S5**

Test Case MDT	Test Case MDT-24 Device Seizure v6.8	
Case Summary: Assertions:	MDT-24 Acquire mobile device internal memory and review datalongitude and latitude coordinates MDT-AO-16 If the mobile device forensic tool supports acquired	sition of GPS
	data then the tool shall present the user with the longitude coordinates for all GPS-related data in a useable format.	e and latitude
Tester Name:	jrr	
Test Host:	PN100919	
Test Date:	Wed Apr 15 13:44:32 EDT 2015	
Device:	GalaxyS5_CDMA	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: cable	
Log Highlights:	Created by Device Seizure v6.8 Acquisition started: Wed Apr 15 13:44:32 EDT 2015 Acquisition finished: Wed Apr 15 16:58:19 EDT 2015 GPS Coordinate data was not successfully acquired	
Results:	Assertion & Expected Result	Actual Result
	MDT-AO-16 Acquisition of GPS related data presented in a useable format.	Not as expected
Analysis:	Expected results not achieved	

142 **1.2.63 MDT-01 - HTC One GSM**

Test Case MDT	-01 Device Seizure v6.8
Case	MDT-01 Acquire mobile device internal memory over tool-supported interfaces
Summary:	(e.g., cable, Bluetooth, IrDA).
Assertions:	MDT-CA-01 If a mobile device forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).
Tester Name:	jrr
Test Host:	PN100919
Test Date:	Fri Apr 24 18:12:14 EDT 2015
Device:	HTCOne_GSM
Source	OS: WIN 7 v6.1.7601
Setup:	Interface: cable
Log	Created by Device Seizure 6.84

Test Case MDT	-01 Device Seizure v6.8	
Highlights:	Acquisition started: Fri Apr 24 18:12:14 EDT 2015	
	Acquisition finished: Fri Apr 24 18:22:42 EDT 2015	
	Device connectivity was established via supported interfa	ce
Results:		
	Assertion & Expected Result	Actual Result
	MDT-CA-01 Device connectivity via supported interfaces.	as expected
Analysis:	Expected results achieved	

144 **1.2.64 MDT-02 - HTC One GSM**

Test Case MDT	Test Case MDT-02 Device Seizure v6.8	
Case	MDT-02 Begin mobile device internal memory acquisition and interrupt	
Summary:	connectivity by interface disengagement.	
Assertions:	MDT-CA-02 If connectivity between the mobile device and mo	
	forensic tool is disrupted then the tool shall notify the	user that
	connectivity has been disrupted.	
Tester Name:	jrr	
Test Host:	PN100919	
Test Date:	Fri Apr 24 18:12:43 EDT 2015	
Device:	HTCOne_GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: cable	
Log	Created by Device Seizure 6.84	
Highlights:	Acquisition started: Fri Apr 24 18:12:43 EDT 2015	
	Acquisition finished: Fri Apr 24 18:22:58 EDT 2015	
	Device acquisition disruption notification was successful	
Results:		
	Assertion & Expected Result	Actual Result
	MDT-CA-02 Notification of device acquisition disruption.	as expected
Analysis:	Expected results achieved	

145

146 **1.2.65 MDT-03 - HTC One GSM**

	I-03 Device Seizure v6.8
Case	MDT-03 Acquire mobile device internal memory and review reported data via
Summary:	the preview-pane or generated reports for readability.
Assertions:	MDT-CA-03 If a mobile device forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or generated report.
Tester	jrr
Name:	
Test Host:	PN100919
Test Date:	Fri Apr 24 18:13:05 EDT 2015
Device:	HTCOne_GSM
Source	OS: WIN 7 v6.1.7601
Setup:	Interface: cable
Log	Created by Device Seizure 6.84
Highlights:	Acquisition started: Fri Apr 24 18:13:05 EDT 2015
3 3	Acquisition finished: Fri Apr 24 18:23:24 EDT 2015
	Readability and completeness of acquired data was successful
Results:	

	Assertion & Expected Result	Actual Result
	MDT-CA-03 Readability and completeness of acquired data via supported reports.	as expected
Analysis:	Expected results achieved	

148 **1.2.66 MDT-04 - HTC One GSM**

Test Case MDT	-04 Device Seizure v6.8	
Case	MDT-04 Acquire mobile device internal memory and review reported subscribe	r
Summary:	and equipment related information (e.g., IMSI, IMEI, MEID/ESN, MSISDN).	
Assertions:	MDT-CA-04 If a mobile device forensic tool completes acquisition of the target device without error then subscriber and equipment related information shall be presented in a useable format.	
Tester Name:	jrr	
Test Host:	PN100919	
Test Date:	Fri Apr 24 18:13:35 EDT 2015	
Device:	HTCOne_GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: cable	
Log	Created by Device Seizure 6.84	
Highlights:	Acquisition started: Fri Apr 24 18:13:35 EDT 2015	
	Acquisition finished: Fri Apr 24 18:23:56 EDT 2015	
	IMEI was acquired	
	Notes:	
	MSISDN was not acquired.	
Results:		
	Assertion & Expected Result Actual	\neg
	Result	
	MDT-CA-04 Acquisition of mobile device subscriber and Not as	П
	equipment related data in a useable format. expected	
Analysis:	Partial results achieved	

149

150 **1.2.67 MDT-05 - HTC One GSM**

Test Case MDT	Test Case MDT-05 Device Seizure v6.8		
Case Summary:	MDT-05 Acquire mobile device internal memory and review supported data elements (i.e., PIM data, call logs, SMS, MMS, stand-alone files: audio, pictures, video, application related data: documents, spreadsheets, presentations, social-media data and Internet related data: bookmarks, visited sites).		
Assertions:	MDT-CA-05 If a mobile device forensic tool completes acquisition of the target device without error then all supported data elements shall be presented in a useable format.		
Tester Name:	jrr		
Test Host:	PN100919		
Test Date:	Fri Apr 24 18:14:06 EDT 2015		
Device:	HTCOne GSM		
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable		
Log Highlights:	Created by Device Seizure 6.84 Acquisition started: Fri Apr 24 18:14:06 EDT 2015 Acquisition finished: Fri Apr 24 18:26:10 EDT 2015		

Test Case MDT	-05 Device Seizure v6.8		
	All address book entries were successfully acquired		
	Basic PIM related data was acquired		
	Partial Maximum length PIM related data was acquired		
	All Call Logs (incoming, outgoing, missed) were acquired		
	All Call Log date/time stamps data were correctly reported		
	ALL text messages (SMS, EMS) were acquired		
	Correct date/time stamps were reported for all text messages		
	Correct status flags were reported for all text messages		
	Sender and Recipient phone numbers associated with text messa	ges were	
	correctly reported		
	ALL MMS messages (Audio, Image, Video) were acquired		
	ALL stand-alone data files (Audio, Image, Video) were acquire	d	
	All application data was acquired		
	All Internet related data was acquired		
	Partial Social media related data was acquired		
	Notes: No calendar entries were acquired. Long memo was partially acquired. All number in group messaging were acquired. Path to social media application installion package were acquired was recovered.	ired but no	
Results:			
	Assertion & Expected Result	Actual	
		Result	
	MDT-CA-05 Acquisition of all mobile device supported data	Not as	
	elements in a useable format.	expected	
Analysis:	Partial results achieved		

152 **1.2.68 MDT-06 - HTC One GSM**

	OC Paralana Galancea arc O		
	-06 Device Seizure v6.8		
Case	MDT-06 Acquire mobile device internal memory by selecting a combination of		
Summary:	supported data elements.		
Assertions:	The second secon		
	Acquire All device data objects acquisition option then the tool shall complete the acquisition of all data objects without error.		
	MDT-CA-07 If a mobile device forensic tool provides the user		
	All individual device data objects then the tool shall comple		
	acquisition of all individually selected data objects without		
	MDT-CA-08 If a mobile device forensic tool provides the user		
	ability to Select Individual device data objects for acquisit	ion then the	
	tool shall acquire each exclusive data object without error.		
	MDT-CA-09 If a mobile device forensic tool completes two cons		
	logical acquisitions of the target device without error then	the payroad	
	(data objects) on the mobile device shall remain consistent.		
Tester Name:	Jrr		
Test Host:	PN100919		
Test Date:	Fri Apr 24 18:14:30 EDT 2015		
Device:	HTCOne_GSM		
Source	OS: WIN 7 v6.1.7601		
Setup:	Interface: cable		
Log	Created by Device Seizure 6.84		
Highlights:	Acquisition started: Fri Apr 24 18:14:30 EDT 2015		
	Acquisition finished: Fri Apr 24 18:28:59 EDT 2015		
	Select All acquisition was successful		
Results:			
	Assertion & Expected Result	Actual	
		Result	
	MDT-CA-06 Acquire-all mobile device data objects	as expected	
	acquisition.		

Test Case MDT-06 Device Seizure v6.8		
	MDT-CA-07 Select-all mobile device data objects	as expected
	acquisition.	
	MDT-CA-08 Select-individual mobile device data objects	as expected
	acquisition.	
	MDT-CA-09 Perform back-to-back acquisitions, check device	as expected
	payload for modifications.	
Analysis:	Expected results achieved	

154 **1.2.69 MDT-07 - HTC One GSM**

Test Case MDT	-07 Device Seizure v6.8	
Case Summary:	MDT-07 Acquire UICC memory over supported interfaces (e	.g., PC/SC reader).
Assertions:	MDT-AO-01 If a mobile device forensic tool provides support for connectivity of the target UICC then the tool shall successfully recognize the target SIM via all tool-supported interfaces (e.g., PC/SC reader, proprietary reader, smart phone itself).	
Tester Name:	Jrr	
Test Host:	PN100919	
Test Date:	Fri Apr 24 18:14:52 EDT 2015	
Device:	HTCOne_GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: USB	
Log Highlights:	Created by Device Seizure 6.84 Acquisition started: Fri Apr 24 18:14:52 EDT 2015 Acquisition finished: Fri Apr 24 18:29:16 EDT 2015 UICC connectivity was established via supported interfa	ce
Results:	F	I
	Assertion & Expected Result MDT-A0-01 UICC connectivity via supported interfaces.	Actual Result as expected
Analysis:	Expected results achieved	·

155

156 **1.2.70 MDT-08 - HTC One GSM**

Test Case MDT	-08 Device Seizure v6.8		
Case	MDT-08 Begin UICC acquisition and interrupt connectivity by interface		
Summary:	disengagement.		
Assertions:	MDT-AO-02 If a mobile device forensic tool loses connectivity with the UIC reader then the tool shall notify the user that connectivity has been disrupted.		
Tester Name:	Jrr		
Test Host:	PN100919		
Test Date:	Fri Apr 24 18:15:15 EDT 2015		
Device:	HTCOne_GSM		
Source	OS: WIN 7 v6.1.7601		
Setup:	Interface: USB		
Log	Created by Device Seizure 6.84		
Highlights:	Acquisition started: Fri Apr 24 18:15:15 EDT 2015		
	Acquisition finished: Fri Apr 24 18:29:34 EDT 2015		
	Media acquisition disruption notification was successful		
Results:			
	Assertion & Expected Result Actual Result		

Test Case MDT-08 Device Seizure v6.8			
	MDT-A0-02 Notification of SIM acquisition disruption. as expected		
Analysis:	Expected results achieved		

1.2.71 MDT-09 - HTC One GSM

Test Case MDT	-09 Device Seizure v6.8		
Case	MDT-09Acquire UICC memory and review reported subscriber and equipment		
Summary:	related information (i.e., SPN, ICCID, IMSI, MSISDN).		
Assertions:	MDT-AO-03 If a mobile device forensic tool completes acquisition of the		
	target UICC without error then the subscriber and equipment related data		
	shall be presented in a useable format.		
Tester Name:	Jrr		
Test Host:	PN100919		
Test Date:	Fri Apr 24 18:15:51 EDT 2015		
Device:	HTCOne_GSM		
Source	OS: WIN 7 v6.1.7601		
Setup:	Interface: USB		
Log	Created by Device Seizure 6.84		
Highlights:	Acquisition started: Fri Apr 24 18:15:51 EDT 2015		
	Acquisition finished: Fri Apr 24 18:29:48 EDT 2015		
	All subscriber-related data (i.e., SPN, ICCID, IMSI, MSISDN)	was acquired	
	Motes: MSISDN was only present on PDF report.		
Results:			
	Assertion & Expected Result	Actual Result	
	MDT-AO-03 Acquisition of UICC subscriber and equipment	as expected	
	related data in a useable format.	_	
Analysis:	Expected results achieved		

1.2.72 MDT-10 - HTC One GSM

	-10 Device Seizure v6.8		
Case	MDT-10 Acquire UICC memory and review supported data elements (i.e.,		
Summary:	Abbreviated Dialing Numbers, Last Numbers Dialed, SMS/EMS text messages,		
	and location related data: LOCI, GPRSLOCI).		
Assertions:	MDT-AO-04 If a mobile device forensic tool completes acquisition of the		
target UICC without error then all acquired data shall be presented			
	useable format.		
Tester Name:	Jrr		
Test Host:	PN100919		
Test Date:	Fri Apr 24 18:16:13 EDT 2015		
Device:	HTCOne_GSM		
Source	OS: WIN 7 v6.1.7601		
Setup:	Interface: USB		
Log	Created by Device Seizure 6.84		
Highlights:	Acquisition started: Fri Apr 24 18:16:13 EDT 2015		
	Acquisition finished: Fri Apr 24 18:31:07 EDT 2015		
	moderatorou interest in intere		
	All ADNs were acquired		
	LNDs were acquired		
	Date/Time Stamps correctly reported for LNDs		
	ALL text messages (SMS, EMS) were acquired		
	All date/time stamps were reported for text messages		
	Correct status flags were reported for text messages		

XRY/XACT v6 10 1 Page **39** of **124** 5/8/15 4·48 PM

Test Case MD	T-10 Device Seizure v6.8		
	Sender and Recipient phone numbers associated with text mess	ages were	
	correctly reported		
	Deleted text message data was recovered LOCI data was acquired		
	GPRSLOCI data was acquired		
Results:			
	Assertion & Expected Result	Actual	
		Result	
	MDT-AO-04 Acquisition of all UICC supported data elements	as expected	
	in a useable format.		
Analysis:	Expected results achieved		

1.2.73 MDT-11 - HTC One GSM

Test Case MDT	-11 Device Seizure v6.8			
Case	MDT-11 Acquire UICC memory by selecting a combination of supported data			
Summary:	elements.			
Assertions:	MDT-AO-05 If a mobile device forensic tool provides the user with an Acquire All UICC data objects acquisition option then the tool shall complete the acquisition of all data objects without error. MDT-AO-06 If a mobile device forensic tool provides the user with an Select All individual UICC data objects then the tool shall complete the acquisition of all individually selected data objects without error. MDT-AO-07 If a mobile device forensic tool provides the user with the ability to Select Individual UICC data objects for acquisition then the tool shall acquire each exclusive data object without error.			
Tester Name:	Jrr			
Test Host:	PN100919			
Test Date:	Fri Apr 24 18:16:36 EDT 2015			
Device:	HTCOne_GSM			
Source	OS: WIN 7 v6.1.7601			
Setup:	Interface: USB			
Log Highlights:	Created by Device Seizure 6.84 Acquisition started: Fri Apr 24 18:16:36 EDT 2015 Acquisition finished: Fri Apr 24 18:31:24 EDT 2015 Acquisition finished: Fri Apr 24 18:31:42 EDT 2015 Individual data element acquisition was successful			
Results:				
	Assertion & Expected Result Actual Result			
	MDT-AO-05 Acquire-all UICC data objects acquisition. as expected			
	MDT-AO-06 Select-all UICC data objects acquisition.	as expected		
	MDT-AO-07 Select-individual UICC data objects	as expected		
	acquisition.			
Analysis:	Expected results achieved			

1.2.74 MDT-12 - HTC One GSM

Test Case MDT-12 Device Seizure v6.8		
Case Summary:	MDT-12 After a successful mobile device internal memory, alter the case file via third-party means and attempt to re-open the case.	
Assertions:	MDT-AO-08 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.	
Tester Name:	Jrr	

Test Case MDT	I-12 Device Seizure v6.8	
Test Host:	PN100919	
Test Date:	Fri Apr 24 18:17:06 EDT 2015	
Device:	HTCOne_GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: cable	
Log Highlights:	Created by Device Seizure 6.84 Acquisition started: Fri Apr 24 18:17:06 EDT 2015 Acquisition finished: Fri Apr 24 18:31:52 EDT 2015 Notification of modified device memory data was not successful	
Results:		I I
	Assertion & Expected Result	Actual Result
	MDT-A0-08 Notification of modified device case data.	Not as expected
Analysis:	Expected results not achieved	

166 1.2.75 MDT-13 - HTC One GSM

Test Case MDT	-13 Device Seizure v6.8	
Case	MDT-13 After a successful UICC acquisition, alter the	case file via third-
Summary:	party means and attempt to re-open the case.	
Assertions:	MDT-AO-08 If the case file or individual data objects	
	third-party means then the tool shall provide protection	on mechanisms
	disallowing or reporting data modification.	
Tester Name:	jrr	
Test Host:	PN100919	
Test Date:	Fri Apr 24 18:17:30 EDT 2015	
Device:	HTCOne_GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: USB	
Log	Created by Device Seizure 6.84	
Highlights:	Acquisition started: Fri Apr 24 18:17:30 EDT 2015	
	Acquisition finished: Fri Apr 24 18:32:10 EDT 2015	
	Notification of modified SIM data was not successful	
Results:		
	Assertion & Expected Result	Actual Result
	MDT-AO-08 Notification of modified device case data.	Not as expected
Analysis:	Expected results not achieved	

167

168 1.2.76 MDT-14 - HTC One GSM

Test Case MDT	-14 Device Seizure v6.8
Case	MDT-14 Attempt acquisition of a password-protected UICC.
Summary:	
Assertions:	MDT-AO-09 If the UICC is password-protected then the mobile device forensic tool shall provide the examiner with the opportunity to input the PIN before acquisition.
Tester Name:	Jrr
Test Host:	PN100919
Test Date:	Fri Apr 24 18:18:00 EDT 2015
Device:	HTCOne_GSM
Source	OS: WIN 7 v6.1.7601
Setup:	Interface: USB
Log	Created by Device Seizure 6.84

Test Case MD	Γ-14 Device Seizure v6.8		
Highlights:	Acquisition started: Fri Apr 24 18:18:00 EDT 2015		
	Acquisition finished: Fri Apr 24 18:32:24 EDT 2015		
	Ability to enter PIN on protected media before acqu	isition was successful	
Results:			
	Assertion & Expected Result	Actual Result	
	MDT-AO-09 Acquisition of password protected UICC.	as expected	
Analysis:	Expected results achieved		

1.2.77 MDT-15 - HTC One GSM

Test Case MDT	-15 Device Seizure v6.8	
Case	MDT-15 Begin acquisition on a PIN protected UICC to determin	
Summary:	provides an accurate count of the remaining number of PIN attempts and if	
	the PIN attempts are decremented when entering an incorrect value.	
Assertions:	MDT-AO-10 If a mobile device forensic tool provides the exam	
	remaining number of authentication attempts then the applica	tion should
	provide an accurate count of the remaining PIN attempts.	
Tester Name:	Jrr	
Test Host:	PN100919	
Test Date:	Fri Apr 24 18:18:23 EDT 2015	
Device:	HTCOne_GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: USB	
Log	Created by Device Seizure 6.84	
Highlights:	Acquisition started: Fri Apr 24 18:18:23 EDT 2015	
	Acquisition finished: Fri Apr 24 18:32:40 EDT 2015	
	The remaining number of PIN attempts were properly displayed	I
Results:		
	Assertion & Expected Result	Actual Result
	MDT-AO-10 Remaining number of PIN attempts properly	as expected
	displayed.	<u>F</u>
Analysis:	Expected results achieved	

1.2.78 MDT-16 - HTC One GSM

Test Case MDT	-16 Device Seizure v6.8
Case Summary:	MDT-16 Begin acquisition on a UICC whose PIN attempts have been exhausted to determine if the tool provides an accurate count of the remaining number of PUK attempts and if the PUK attempts are decremented when entering an incorrect value.
Assertions:	MDT-AO-11 If a mobile device forensic tool provides the examiner with the remaining number of PUK attempts then the application should provide an accurate count of the remaining PUK attempts.
Tester	Jrr
Name:	
Test Host:	PN100919
Test Date:	Fri Apr 24 18:18:47 EDT 2015
Device:	HTCOne GSM
Source	OS: WIN 7 v6.1.7601
Setup:	Interface: USB
Log	Created by Device Seizure 6.84
Highlights:	Acquisition started: Fri Apr 24 18:18:47 EDT 2015
1	Acquisition finished: Fri Apr 24 18:32:58 EDT 2015

XRY/XACT v6 10 1 Page 42 of 124 5/8/15 4·48 PM

Test Case MD	I-16 Device Seizure v6.8	
	Remaining number of PUK attempts were properly displayed	
Results:		
	Assertion & Expected Result	Actual Result
	MDT-AO-11 Remaining number of PUK attempts properly displayed.	as expected
Analysis:	Expected results achieved	

174 **1.2.79 MDT-19 - HTC One GSM**

Test Case MDT	-19 Device Seizure v6.8	
Case	MDT-19 Acquire mobile device internal memory and review data	containing
Summary:	non-ASCII characters.	
Assertions:	MDT-AO-13 If the mobile device forensic tool supports display characters then acquired data containing non-ASCII characters presented in their native format.	
Tester Name:	Jrr	
Test Host:	PN100919	
Test Date:	Fri Apr 24 18:19:39 EDT 2015	
Device:	HTCOne GSM	
Source:	OS: WIN 7 v6.1.7601	
Setup:	Interface: cable	
secup:	Interrace: Cable	
Log Highlights:	Created by Device Seizure 6.84 Acquisition started: Fri Apr 24 18:19:39 EDT 2015 Acquisition finished: Fri Apr 24 18:33:19 EDT 2015 Non-ASCII Address book entries were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed	
Results:		
	Assertion & Expected Result	Actual Result
	MDT-AO-13 Acquisition of data containing non-ASCII	as expected
	characters presented in their native format.	
Analysis:	Expected results achieved	

175

176 **1.2.80 MDT-20 - HTC One GSM**

Test Case MDT	-20 Device Seizure v6.8
Case Summary:	MDT-20 Acquire UICC memory and review data containing non-ASCII characters.
Assertions:	MDT-AO-13 If the mobile device forensic tool supports display of non-ASCII characters then acquired data containing non-ASCII characters should be presented in their native format.
Tester Name:	Jrr
Test Host:	PN100919
Test Date:	Fri Apr 24 18:20:16 EDT 2015
Device:	HTCOne_GSM
Source	OS: WIN 7 v6.1.7601
Setup:	Interface: USB
Log	Created by Device Seizure 6.84
Highlights:	Acquisition started: Fri Apr 24 18:20:16 EDT 2015
	Acquisition finished: Fri Apr 24 18:33:32 EDT 2015
	Non-ASCII ADNs were acquired and properly displayed
	Non-ASCII text messages were acquired and properly displayed

Test Case M	DT-20 Device Seizure v6.8	
Results:		
	Assertion & Expected Result	Actual
		Result
	MDT-AO-13 Acquisition of data containing non-ASCII	as expected
	characters presented in their native format.	
		<u> </u>
Analysis:	Expected results achieved	

177 **1.2.81 MDT-22 - HTC One GSM**

Test Case MDT-	-22 Device Seizure v6.8	
Case	MDT-22 Acquire mobile device internal memory and review hash	values for
Summary:	vendor supported data objects.	
Assertions:	MDT-AO-15 If the mobile device forensic tool supports hashing for	
	individual data objects then the tool shall present the user	with a hash
	value for each supported data object.	
Tester Name:	Jrr	
Test Host:	PN100919	
Test Date:	Fri Apr 24 18:20:45 EDT 2015	
Device:	HTCOne_GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: cable	
Log	Created by Device Seizure 6.84	
Highlights:		
	Acquisition finished: Fri Apr 24 18:33:46 EDT 2015	
	Hash values were properly reported for individually acquired device data elements	
	Notes: Hashes were present only on PDF report. However, HTML report report hashes.	doen not
Results:		
	Assertion & Expected Result	Actual
	<u>-</u>	Result
	MDT-AO-15 Hash values for individual data and case	as expected
	presented in a useable format.	
Analysis:	Expected results achieved	

178

179 **1.2.82 MDT-23 - HTC One GSM**

Test Case MDT	-23 Device Seizure v6.8
Case	MDT-23 Acquire UICC memory and review hash values for vendor supported data
Summary:	objects.
Assertions:	MDT-AO-15 If the mobile device forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object.
Tester Name:	Jrr
Test Host:	PN100919
Test Date:	Fri Apr 24 18:21:17 EDT 2015
Device:	HTCOne_GSM
Source	OS: WIN 7 v6.1.7601
Setup:	Interface: USB
Log	Created by Device Seizure 6.84
Highlights:	Acquisition started: Fri Apr 24 18:21:17 EDT 2015
	Acquisition finished: Fri Apr 24 18:35:48 EDT 2015

Test Case MDT	-23 Device Seizure v6.8	
	Hash values were properly reported for individually acquired elements	SIM data
	Notes: Hashes were present only on PDF report. However, HTML report report hashes.	doen not
Results:		
	Assertion & Expected Result	Actual Result
	MDT-AO-15 Hash values for individual data and case presented in a useable format.	as expected
Analysis:	Expected results achieved	

181

1.2.83 MDT-24 - HTC One GSM

	MDT-24 Acquire mobile device internal memory and review dat	a containing GP
Case Summary:	longitude and latitude coordinates	a concurning or
Assertions:	MDT-AO-16 If the mobile device forensic tool supports acquisition of GPS data then the tool shall present the user with the longitude and latitude coordinates for all GPS-related data in a useable format.	
Tester Name:	Jrr	
Test Host:	PN100919	
Test Date:	Fri Apr 24 18:21:44 EDT 2015	
Device:	HTCOne_GSM	
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable	
Log Highlights:	Created by Device Seizure 6.84 Acquisition started: Fri Apr 24 18:21:44 EDT 2015 Acquisition finished: Fri Apr 24 18:36:47 EDT 2015 GPS Coordinate data was not successfully acquired	
Results:	Assertion & Expected Result	Actual Result
	MDT-AO-16 Acquisition of GPS related data presented in a useable format.	Not as expected

182 **1.2.84 MDT-01 - iPad CDMA**

Test Case MDT	7-01 Device Seizure v6.8
Case	MDT-01 Acquire mobile device internal memory over tool-supported interfaces
Summary:	(e.g., cable, Bluetooth, IrDA).
Assertions:	MDT-CA-01 If a mobile device forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).
Tester Name:	jrr
Test Host:	PN100919
Test Date:	Fri Apr 3 11:40:27 EDT 2015
Device:	iPad_CDMA
Source	OS: WIN 7 v6.1.7601
Setup:	Interface: cable
Log	Created by Device Seizure v6.8
Highlights:	Acquisition started: Fri Apr 3 11:40:27 EDT 2015

Test Case MD	T-01 Device Seizure v6.8	
	Acquisition finished: Wed Apr 15 10:37:03 EDT 2015	
	Device connectivity was established via supported interface	
Results:		
	Assertion & Expected Result	Actual Result
	MDT-CA-01 Device connectivity via supported interfaces.	as expected

1.2.85 MDT-02 - iPad CDMA

Test Case MDT	-02 Device Seizure v6.8		
Case	MDT-02 Begin mobile device internal memory acquisition and interrupt		
Summary:	connectivity by interface disengagement.		
Assertions:	MDT-CA-02 If connectivity between the mobile device and mobile device forensic tool is disrupted then the tool shall notify the user that connectivity has been disrupted.		
Tester Name:	jrr		
Test Host:	PN100919		
Test Date:	Fri Apr 3 11:40:51 EDT 2015		
Device:	iPad_CDMA		
Source	OS: WIN 7 v6.1.7601		
Setup:	Interface: cable		
Loq	Created by Device Seizure v6.8		
Highlights:	Acquisition started: Fri Apr 3 11:40:51 EDT 2015		
	Acquisition finished: Wed Apr 15 10:37:21 EDT 2015		
	Device acquisition disruption notification was successful		
Results:			
	Assertion & Expected Result	Actual Result	
	MDT-CA-02 Notification of device acquisition disruption.	as expected	
Analysis:	Expected results achieved		

1.2.86 MDT-03 - iPad CDMA

Test Case MDT	-03 Device Seizure v6.8
Case	MDT-03 Acquire mobile device internal memory and review reported data via
Summary:	the preview-pane or generated reports for readability.
Assertions:	MDT-CA-03 If a mobile device forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or generated report.
Tester	jrr
Name:	
Test Host:	PN100919
Test Date:	Fri Apr 3 11:41:17 EDT 2015
Device:	iPad_CDMA
Source	OS: WIN 7 v6.1.7601
Setup:	Interface: cable
Log	Created by Device Seizure v6.8
Highlights:	Acquisition started: Fri Apr 3 11:41:17 EDT 2015
	Acquisition finished: Wed Apr 15 10:38:03 EDT 2015
	Readability and completeness of acquired data was successful
Results:	

XRY/XACT v6 10 1 Page **46** of **124** 5/8/15 4·48 PM

	Assertion & Expected Result	Actual Result
	MDT-CA-03 Readability and completeness of acquired data via supported reports.	as expected
Analysis:	Expected results achieved	

188 **1.2.87 MDT-04 - iPad CDMA**

Test Case MDT	-04 Device Seizure v6.8	
Case	MDT-04 Acquire mobile device internal memory and review reported subscriber	
Summary:	and equipment related information (e.g., IMSI, IMEI, MEID/ESN, MSISDN).	
Assertions:	MDT-CA-04 If a mobile device forensic tool completes acquisition of the target device without error then subscriber and equipment related information shall be presented in a useable format.	
Tester Name:	jrr	
Test Host:	PN100919	
Test Date:	Fri Apr 3 11:41:39 EDT 2015	
Device:	iPad_CDMA	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: cable	
Log Highlights:	Created by Device Seizure v6.8 Acquisition started: Fri Apr 3 11:41:39 EDT 2015 Acquisition finished: Wed Apr 15 10:38:38 EDT 2015 IMEI, MEID/ESN were acquired	
Results:		
	Assertion & Expected Result	Actual Result
	MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format.	as expected
Analysis:	Expected results achieved	

189

190 **1.2.88 MDT-05 - iPad CDMA**

Most Case MD	-05 Device Seizure v6.8
Case Summary:	MDT-05 Acquire mobile device internal memory and review supported data elements (i.e., PIM data, call logs, SMS, MMS, stand-alone files: audio, pictures, video, application related data: documents, spreadsheets, presentations, social-media data and Internet related data: bookmarks, visited sites).
Assertions:	MDT-CA-05 If a mobile device forensic tool completes acquisition of the target device without error then all supported data elements shall be presented in a useable format.
Tester	irr
Name:	
Test Host:	PN100919
Test Date:	Fri Apr 3 11:42:02 EDT 2015
Device:	iPad_CDMA
Source	OS: WIN 7 v6.1.7601
Setup:	Interface: cable
Log	Created by Device Seizure v6.8
Highlights:	Acquisition started: Fri Apr 3 11:42:02 EDT 2015
	Acquisition finished: Wed Apr 15 10:40:25 EDT 2015
	All address book entries were successfully acquired
	Basic PIM related data was acquired
	Partial Maximum length PIM related data was acquired

Test Case MDT	2-05 Device Seizure v6.8	
	All Call Logs (incoming, outgoing, missed) were acquired All Call Log date/time stamps data were correctly reported ALL text messages (SMS, EMS) were acquired Correct date/time stamps were reported for all text messages Correct status flags were reported for all text messages Sender and Recipient phone numbers associated with text messages Correctly reported ALL MMS messages (Audio, Image, Video) were acquired Audio files were not acquired Image files were acquired Video files were acquired All application data was acquired All Internet related data was acquired All Social media related data was acquired Motes: Home address within a contact entry was not acquired. Long Memo was partially acquired.	ages were
Results:	Assertion & Expected Result	Actual Result
	MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.	Not as expected
Analysis:	Partial results achieved	

192 **1.2.89 MDT-06 - iPad CDMA**

Test Case MDT	-06 Device Seizure v6.8	
Case	MDT-06 Acquire mobile device internal memory by selecting a combination of	
Summary:	supported data elements.	
Assertions:	supported data elements. MDT-CA-06 If a mobile device forensic tool provides the user with an Acquire All device data objects acquisition option then the tool shall complete the acquisition of all data objects without error. MDT-CA-07 If a mobile device forensic tool provides the user with an Select All individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error. MDT-CA-08 If a mobile device forensic tool provides the user with the ability to Select Individual device data objects for acquisition then the tool shall acquire each exclusive data object without error. MDT-CA-09 If a mobile device forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent.	
Tester Name:	jrr	
Test Host:	PN100919	
Test Date:	Fri Apr 3 11:42:23 EDT 2015	
Device:	iPad CDMA	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: cable	
Log Highlights:	Created by Device Seizure v6.8 Acquisition started: Fri Apr 3 11:42:23 EDT 2015 Acquisition finished: Wed Apr 15 10:41:16 EDT 2015 Individual data element acquisition was successful	
Results:	Assertion & Expected Result	Actual Result
	MDT-CA-06 Acquire-all mobile device data objects acquisition.	as expected
	MDT-CA-07 Select-all mobile device data objects acquisition.	as expected
	MDT-CA-08 Select-individual mobile device data objects	as expected

Test Case MDT-06 Device Seizure v6.8		
	acquisition.	
	MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications.	as expected
Analysis:	Expected results achieved	

193 **1.2.90 MDT-12 - iPad CDMA**

Test Case MDT	-12 Device Seizure v6.8		
Case	MDT-12 After a successful mobile device internal memory, alter the case		
Summary:	file via third-party means and attempt to re-open the case.		
Assertions:	MDT-AO-08 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.		
Tester Name:	jrr		
Test Host:	PN100919		
Test Date:	Fri Apr 3 11:42:48 EDT 2015		
Device:	iPad_CDMA		
Source	OS: WIN 7 v6.1.7601		
Setup:	Interface: cable		
Log	Created by Device Seizure v6.8		
Highlights:	Acquisition started: Fri Apr 3 11:42:48 EDT 2015		
	Acquisition finished: Wed Apr 15 10:41:46 EDT 2015		
	Notification of modified device memory data was not su	ccessful	
Results:			
	Assertion & Expected Result	Actual Result	
	MDT-AO-08 Notification of modified device case data.	Not as expected	
Analysis:	Expected results not achieved		

194

195 **1.2.91 MDT-19 - iPad CDMA**

	-19 Device Seizure v6.8	
Case	MDT-19 Acquire mobile device internal memory and review data containing	
Summary:	non-ASCII characters.	
Assertions:	MDT-AO-13 If the mobile device forensic tool supports disp characters then acquired data containing non-ASCII characters presented in their native format.	
Tester Name:	jrr	
Test Host:	PN100919	
Test Date:	Fri Apr 3 11:43:20 EDT 2015	·
Device:	iPad_CDMA	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: cable	
Log	Created by Device Seizure v6.8	
Highlights:	Acquisition started: Fri Apr 3 11:43:20 EDT 2015	
	Acquisition finished: Wed Apr 15 10:42:47 EDT 2015	
	Non-ASCII Address book entries were acquired and properly Non-ASCII text messages were acquired and properly display	
Results:		
	Assertion & Expected Result	Actual Result
	MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.	as expected

Test Case MDT-19 Device Seizure v6.8	
Analysis:	Expected results achieved

197

1.2.92 MDT-22 - iPad CDMA

Test Case MDT	-22 Device Seizure v6.8	
Case	MDT-22 Acquire mobile device internal memory and review hash	values for
Summary:	vendor supported data objects.	
Assertions:	MDT-AO-15 If the mobile device forensic tool supports hashing for	
	individual data objects then the tool shall present the user	with a hash
	value for each supported data object.	
Tester Name:	jrr	
Test Host:	PN100919	
Test Date:	Fri Apr 3 11:43:45 EDT 2015	
Device:	iPad_CDMA	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: cable	
Log Highlights:	Created by Device Seizure v6.8 Acquisition started: Fri Apr 3 11:43:45 EDT 2015 Acquisition finished: Wed Apr 15 10:43:24 EDT 2015 Hash values were properly reported for individually acquired elements Notes: Hashes were present only on PDF report. However, HTML report report hashes.	
Results:	Assertion & Expected Result MDT-AO-15 Hash values for individual data and case presented in a useable format.	Actual Result as expected
Analysis:	Expected results achieved	

198

199 **1.2.93 MDT-24 - iPad CDMA**

Test Case MDT	-24 Device Seizure v6.8	
Case	MDT-24 Acquire mobile device internal memory and review data containing GPS	
Summary:	longitude and latitude coordinates	
Assertions:	MDT-AO-16 If the mobile device forensic tool supports acquis	
	data then the tool shall present the user with the longitude	e and latitude
	coordinates for all GPS-related data in a useable format.	
Tester Name:	jrr	
Test Host:	PN100919	
Test Date:	Fri Apr 3 11:44:09 EDT 2015	
Device:	iPad_CDMA	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: cable	
Log	Created by Device Seizure v6.8	
Highlights:	Acquisition started: Fri Apr 3 11:44:09 EDT 2015	
	Acquisition finished: Wed Apr 15 10:43:50 EDT 2015	
	GPS Coordinate data was successfully acquired	
Results:		
	Assertion & Expected Result	Actual Result
	MDT-AO-16 Acquisition of GPS related data presented in a	as expected
	useable format.	

Test Case MDT-24 Device Seizure v6.8	
Analysis:	Expected results achieved

200 **1.2.94 MDT-01 - iPad GSM**

Test Case MDT	-01 Device Seizure v6.8	
Case	MDT-01 Acquire mobile device internal memory over tool-supported interfaces	
Summary:	(e.g., cable, Bluetooth, IrDA).	
Assertions:	MDT-CA-01 If a mobile device forensic tool provides support for	
	connectivity of the target device then the tool shall such	
	recognize the target device via all vendor supported inte	rfaces (e.g.,
	cable, Bluetooth, IrDA).	
Tester Name:	jrr	
Test Host:	PN100919	
Test Date:	Fri Apr 24 17:31:51 EDT 2015	
Device:	iPad_GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: cable	
Log	Created by Device Seizure 6.84	
Highlights:	Acquisition started: Fri Apr 24 17:31:51 EDT 2015	
	Acquisition finished: Fri Apr 24 17:43:15 EDT 2015	
	Device connectivity was established via supported interfa	ce
Results:		
	Assertion & Expected Result	Actual Result
	MDT-CA-01 Device connectivity via supported interfaces.	as expected
Analysis:	Expected results achieved	

201

202 **1.2.95 MDT-02 - iPad GSM**

Test Case MDT	-02 Device Seizure v6.8	
Case	MDT-02 Begin mobile device internal memory acquisition and	interrupt
Summary:	connectivity by interface disengagement.	
Assertions:	MDT-CA-02 If connectivity between the mobile device and mo forensic tool is disrupted then the tool shall notify the connectivity has been disrupted.	
Tester Name:	jrr	
Test Host:	PN100919	
Test Date:	Fri Apr 24 17:32:14 EDT 2015	
Device:	iPad_GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: cable	
Log	Created by Device Seizure 6.84	
Highlights:	Acquisition started: Fri Apr 24 17:32:14 EDT 2015	
	Acquisition finished: Fri Apr 24 17:43:31 EDT 2015	
	Device acquisition disruption notification was successful	
Results:		
	Assertion & Expected Result	Actual Result
	MDT-CA-02 Notification of device acquisition disruption.	as expected
Analysis:	Expected results achieved	

203

204 **1.2.96 MDT-03 - iPad GSM**

Test Case MDT	-03 Device Seizure v6.8	
Case	MDT-03 Acquire mobile device internal memory and review repor	ted data via
Summary:	the preview-pane or generated reports for readability.	
Assertions:	MDT-CA-03 If a mobile device forensic tool completes acquisit	
	target device without error then the tool shall have the abil	ity to present
	acquired data objects in a useable format via either a previe	w-pane or
	generated report.	
Tester	jrr	
Name:		
Test Host:	PN100919	
Test Date:	Fri Apr 24 17:32:41 EDT 2015	
Device:	iPad_GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: cable	
Log	Created by Device Seizure 6.84	
Highlights:	Acquisition started: Fri Apr 24 17:32:41 EDT 2015	
	Acquisition finished: Fri Apr 24 17:43:56 EDT 2015	
	Readability and completeness of acquired data was successful	
Results:		
Results.	Assertion & Expected Result	Actual
	Assertion & Expected Result	Result
	MDT-CA-03 Readability and completeness of acquired data	as expected
	via supported reports.	as expected
	1 ATR PREPARED 1	
Analysis:	Expected results achieved	

205

206 **1.2.97 MDT-04 - iPad GSM**

Case MDT-04 Acquire mobile device internal memory and review reported subsc		
Summary:	and equipment related information (e.g., IMSI, IMEI, MEID/E	
Assertions:	MDT-CA-04 If a mobile device forensic tool completes acquis	
	target device without error then subscriber and equipment r	elated
	information shall be presented in a useable format.	
Tester Name:	jrr	
Test Host:	PN100919	
Test Date:	Fri Apr 24 17:33:03 EDT 2015	
Device:	iPad_GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: cable	
Log	Created by Device Seizure 6.84	
Highlights:	Acquisition started: Fri Apr 24 17:33:03 EDT 2015	
	Acquisition finished: Fri Apr 24 17:45:43 EDT 2015	
	IMEI was acquired	
Results:		
	Assertion & Expected Result	Actual
		Result
	MDT-CA-04 Acquisition of mobile device subscriber and	as expe
	equipment related data in a useable format.	
Analysis:	Expected results achieved	

208

1.2.98 MDT-05 - iPad GSM

Test Case MDT-05 Device Sei	zure v6.8

Test Case MDT	-05 Device Seizure v6.8	
Case Summary:	MDT-05 Acquire mobile device internal memory and review supported the support of	les: audio, sheets, oookmarks,
Assertions:	MDT-CA-05 If a mobile device forensic tool completes acquisit target device without error then all supported data elements presented in a useable format.	
Tester Name:	jrr	
Test Host:	PN100919	
Test Date:	Fri Apr 24 17:33:50 EDT 2015	
Device:	iPad_GSM	
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable	
Log	Created by Device Seizure 6.84	
Highlights:	Acquisition started: Fri Apr 24 17:33:50 EDT 2015	
	Acquisition finished: Fri Apr 24 17:58:01 EDT 2015	
	All address book entries were successfully acquired	
	Basic PIM related data was acquired	
	Partial Maximum length PIM related data was acquired	
	Text messages were not acquired	
	Incorrect status flags were reported for text messages	
	Sender and Recipient phone numbers associated with text messa	ages were
	incorrectly reported	-
	Audio MMS messages were not acquired	
	Image MMS messages were not acquired	
	Video MMS messages were not acquired	
	ALL stand-alone data files (Audio, Image, Video) were acquire	ed
	All application data was acquired	
	All Internet related data was acquired	
	Partial Social media related data was acquired	
	Notes:	
	Home address within a contact entry was not recovered.	
	Deleted data was recovered.	
	Memos were partially acquired.	
Results:		
	Assertion & Expected Result	Actual Result
	MDT-CA-05 Acquisition of all mobile device supported data	Not as
	elements in a useable format.	expected
Analysis:	Partial results achieved	

210 **1.2.99 MDT-06 - iPad GSM**

Test Case MDT	Test Case MDT-06 Device Seizure v6.8	
Case	MDT-06 Acquire mobile device internal memory by selecting a combination of	
Summary:	supported data elements.	
Assertions:	MDT-CA-06 If a mobile device forensic tool provides the user with an	
	Acquire All device data objects acquisition option then the tool shall	
	complete the acquisition of all data objects without error.	
	MDT-CA-07 If a mobile device forensic tool provides the user with an Select	
	All individual device data objects then the tool shall complete the	
	acquisition of all individually selected data objects without error.	
	MDT-CA-08 If a mobile device forensic tool provides the user with the	
	ability to Select Individual device data objects for acquisition then the	
	tool shall acquire each exclusive data object without error.	
	MDT-CA-09 If a mobile device forensic tool completes two consecutive	
	logical acquisitions of the target device without error then the payload	
	(data objects) on the mobile device shall remain consistent.	

Test Case MDT	-06 Device Seizure v6.8	
Tester Name:	jrr	
Test Host:	PN100919	
Test Date:	Fri Apr 24 17:34:13 EDT 2015	
Device:	iPad_GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: cable	
Log	Created by Device Seizure 6.84	
Highlights:	Acquisition started: Fri Apr 24 17:34:13 EDT 2015	
	Acquisition finished: Fri Apr 24 18:00:01 EDT 2015	
	Select All acquisition was successful	
Results:		
	Assertion & Expected Result	Actual Result
	MDT-CA-06 Acquire-all mobile device data objects acquisition.	as expected
	MDT-CA-07 Select-all mobile device data objects acquisition.	as expected
	MDT-CA-08 Select-individual mobile device data objects acquisition.	as expected
	MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications.	as expected
Analysis:	Expected results achieved	

212 **1.2.100 MDT-07 - iPad GSM**

Test Case MDT	-07 Device Seizure v6.8	
Case Summary:	MDT-07 Acquire UICC memory over supported interfaces (e	.g., PC/SC reader).
Assertions:	MDT-AO-01 If a mobile device forensic tool provides support for connectivity of the target UICC then the tool shall successfully recognize the target SIM via all tool-supported interfaces (e.g., PC/SC reader, proprietary reader, smart phone itself).	
Tester	jrr	
Name:		
Test Host:	PN100919	
Test Date:	Fri Apr 24 17:34:42 EDT 2015	
Device:	iPad_GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: USB	
Log Highlights:	Created by Device Seizure 6.84 Acquisition started: Fri Apr 24 17:34:42 EDT 2015	
nightights:	Acquisition finished: Fri Apr 24 17:34:42 EDT 2015	
	Acquisicion linished. Fil Apr 24 10:01:12 EDI 2015	
	UICC connectivity was established via supported interfa	ce
Results:		
	Assertion & Expected Result	Actual Result
	MDT-AO-01 UICC connectivity via supported interfaces.	as expected
Analysis:	Expected results achieved	

213

214 **1.2.101 MDT-08 - iPad GSM**

Test Case MDT-08 Device Seizure v6.8		
Case	MDT-08 Begin UICC acquisition and interrupt connectivity by interface	
Summary:	disengagement.	

Test Case MDT	-08 Device Seizure v6.8	
Assertions:	MDT-AO-02 If a mobile device forensic tool loses connec reader then the tool shall notify the user that connect disrupted.	<u> </u>
Tester Name:	jrr	
Test Host:	PN100919	
Test Date:	Fri Apr 24 17:35:09 EDT 2015	
Device:	iPad_GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: USB	
Log Highlights:	Created by Device Seizure 6.84 Acquisition started: Fri Apr 24 17:35:09 EDT 2015 Acquisition finished: Fri Apr 24 18:01:32 EDT 2015 Media acquisition disruption notification was successful	
Results:		
	Assertion & Expected Result	Actual Result
	MDT-AO-02 Notification of SIM acquisition disruption.	as expected
Analysis:	Expected results achieved	

216 **1.2.102 MDT-09 - iPad GSM**

Test Case MDT	-09 Device Seizure v6.8	
Case	MDT-09Acquire UICC memory and review reported subscriber and	equipment
Summary:	related information (i.e., SPN, ICCID, IMSI, MSISDN).	
Assertions:	MDT-AO-03 If a mobile device forensic tool completes acquisit target UICC without error then the subscriber and equipment reshall be presented in a useable format.	
Tester Name:	jrr	
Test Host:	PN100919	
Test Date:	Fri Apr 24 17:35:32 EDT 2015	
Device:	iPad_GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: USB	
Log Highlights:	Created by Device Seizure 6.84 Acquisition started: Fri Apr 24 17:35:32 EDT 2015 Acquisition finished: Fri Apr 24 18:01:59 EDT 2015 All subscriber-related data (i.e., SPN, ICCID, IMSI, MSISDN) was acquired	
Results:		
	Assertion & Expected Result	Actual Result
	MDT-AO-03 Acquisition of UICC subscriber and equipment related data in a useable format.	as expected
Analysis:	Expected results achieved	

217

218 **1.2.103 MDT-10 - iPad GSM**

Test Case MDT	Test Case MDT-10 Device Seizure v6.8	
Case	MDT-10 Acquire UICC memory and review supported data elements (i.e.,	
Summary:	Abbreviated Dialing Numbers, Last Numbers Dialed, SMS/EMS text messages, and location related data: LOCI, GPRSLOCI).	
Assertions:	MDT-AO-04 If a mobile device forensic tool completes acquisition of the target UICC without error then all acquired data shall be presented in a useable format.	
Tester Name:	jrr	

Test Case MDT	-10 Device Seizure v6.8	
Test Host:	PN100919	
Test Date:	Fri Apr 24 17:35:54 EDT 2015	
Device:	iPad_GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: USB	
Log Highlights:	Created by Device Seizure 6.84 Acquisition started: Fri Apr 24 17:35:54 EDT 2015	
	Acquisition finished: Fri Apr 24 18:05:42 EDT 2015 All ADNs were acquired LNDs were acquired Date/Time Stamps correctly reported for LNDs ALL text messages (SMS, EMS) were acquired All date/time stamps were reported for text messages Correct status flags were reported for text messages Sender and Recipient phone numbers associated with text messages were correctly reported	
	Deleted text message data was recovered LOCI data was acquired GPRSLOCI data was acquired	
Results:		
	Assertion & Expected Result	Actual
		Result
	MDT-AO-04 Acquisition of all UICC supported data elements in a useable format.	as expected
Analysis:	Expected results achieved	

220 **1.2.104 MDT-11 - iPad GSM**

Test Case MDT	-11 Device Seizure v6.8	
Case	MDT-11 Acquire UICC memory by selecting a combination of supported data	
Summary:	elements.	
Assertions:	MDT-AO-05 If a mobile device forensic tool provides the user with an Acquire All UICC data objects acquisition option then the tool shall complete the acquisition of all data objects without error. MDT-AO-06 If a mobile device forensic tool provides the user with an Select All individual UICC data objects then the tool shall complete the acquisition of all individually selected data objects without error. MDT-AO-07 If a mobile device forensic tool provides the user with the ability to Select Individual UICC data objects for acquisition then the tool shall acquire each exclusive data object without error.	
Tester Name:	jrr	
Test Host:	PN100919	
Test Date:	Fri Apr 24 17:36:24 EDT 2015	
Device:	iPad_GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: USB	
Log	Created by Device Seizure 6.84	
Highlights: Acquisition started: Fri Apr 24 17:36:24 EDT 2015		
	Acquisition finished: Fri Apr 24 18:06:03 EDT 2015	
	Individual data element acquisition was successful	
Results:		
	Assertion & Expected Result	Actual Result
	MDT-A0-05 Acquire-all UICC data objects acquisition.	as expected
	MDT-A0-06 Select-all UICC data objects acquisition.	as expected
	MDT-A0-07 Select-individual UICC data objects acquisition.	as expected

Test Case MDT-11 Device Seizure v6.8	
Analysis:	Expected results achieved

1.2.105 MDT-12 - iPad GSM

Test Case MDT	-12 Device Seizure v6.8	
Case	MDT-12 After a successful mobile device internal memory, alter the case	
Summary:	file via third-party means and attempt to re-open the case.	
Assertions:	MDT-AO-08 If the case file or individual data objects are modified via	
	third-party means then the tool shall provide protecti	on mechanisms
	disallowing or reporting data modification.	
Tester Name:	jrr	
Test Host:	PN100919	
Test Date:	Fri Apr 24 17:36:49 EDT 2015	
Device:	iPad_GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: cable	
Log	Created by Device Seizure 6.84	
Highlights:	Acquisition started: Fri Apr 24 17:36:49 EDT 2015	
	Acquisition finished: Fri Apr 24 18:06:18 EDT 2015	
	Notification of modified device memory data was not su	ccessful
Results:		
	Assertion & Expected Result	Actual Result
	MDT-AO-08 Notification of modified device case data.	Not as expected
Analysis:	Expected results not achieved	

1.2.106 MDT-13 - iPad GSM

Test Case MDT	-13 Device Seizure v6.8	
Case	MDT-13 After a successful UICC acquisition, alter the case file via third-	
Summary:	party means and attempt to re-open the case.	
Assertions:	MDT-A0-08 If the case file or individual data objects are modified via	
	third-party means then the tool shall provide protection	on mechanisms
	disallowing or reporting data modification.	
Tester Name:	jrr	
Test Host:	PN100919	
Test Date:	Fri Apr 24 17:37:17 EDT 2015	
Device:	iPad GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: USB	
Log	Created by Device Seizure 6.84	
Highlights:	Acquisition started: Fri Apr 24 17:37:17 EDT 2015	
	Acquisition finished: Fri Apr 24 18:06:42 EDT 2015	
	Notification of modified SIM data was not successful	
Results:		
	Assertion & Expected Result	Actual Result
	MDT-A0-08 Notification of modified device case data.	Not as expected
Analysis:	Expected results not achieved	

1.2.107 MDT-14 - iPad GSM

Test Case MDT-14 Device Seizure v6.8	

XRY/XACT v6 10 1 Page **57** of **124** 5/8/15 4·48 PM

Test Case MDT	Test Case MDT-14 Device Seizure v6.8		
Case	MDT-14 Attempt acquisition of a password-protected UICC.		
Summary:			
Assertions:	MDT-AO-09 If the UICC is password-protected then th tool shall provide the examiner with the opportunit before acquisition.		
Tester Name:	jrr		
Test Host:	PN100919		
Test Date:	Fri Apr 24 17:37:42 EDT 2015		
Device:	iPad_GSM		
Source	OS: WIN 7 v6.1.7601		
Setup:	Interface: USB		
Log	Created by Device Seizure 6.84		
Highlights:	Acquisition started: Fri Apr 24 17:37:42 EDT 2015		
	Acquisition finished: Fri Apr 24 18:06:59 EDT 2015		
	Ability to enter PIN on protected media before acqu	isition was succe	ssful
Results:			
	Assertion & Expected Result Actual Result		
	MDT-AO-09 Acquisition of password protected UICC.	as expected	
Analysis:	Expected results achieved		

228 **1.2.108 MDT-15 - iPad GSM**

Test Case MDT	-15 Device Seizure v6.8	
Case	MDT-15 Begin acquisition on a PIN protected UICC to determin	ne if the tool
Summary:	provides an accurate count of the remaining number of PIN at	tempts and if
	the PIN attempts are decremented when entering an incorrect	value.
Assertions:	MDT-AO-10 If a mobile device forensic tool provides the exam	niner with the
	remaining number of authentication attempts then the applica	ation should
	provide an accurate count of the remaining PIN attempts.	
Tester Name:	jrr	
Test Host:	PN100919	
Test Date:	Fri Apr 24 17:38:06 EDT 2015	
Device:	iPad_GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: USB	
Log	Created by Device Seizure 6.84	
Highlights:	Acquisition started: Fri Apr 24 17:38:06 EDT 2015	
	Acquisition finished: Fri Apr 24 18:07:25 EDT 2015	
	The remaining number of PIN attempts were properly displayed	i
Results:		
	Assertion & Expected Result	Actual Result
	<pre>MDT-AO-10 Remaining number of PIN attempts properly displayed.</pre>	as expected
Analysis:	Expected results achieved	

229

230 **1.2.109 MDT-16 - iPad GSM**

Test Case MDT	-16 Device Seizure v6.8
Case	MDT-16 Begin acquisition on a UICC whose PIN attempts have been exhausted
Summary:	to determine if the tool provides an accurate count of the remaining number of PUK attempts and if the PUK attempts are decremented when entering an incorrect value.
Assertions:	MDT-AO-11 If a mobile device forensic tool provides the examiner with the

Test Case MD7	I-16 Device Seizure v6.8	
	remaining number of PUK attempts then the application should	d provide an
	accurate count of the remaining PUK attempts.	
m 1	1 2	
Tester	jrr	
Name:	PN100919	
Test Host:	111100313	
Test Date:	Fri Apr 24 17:38:34 EDT 2015	
Device:	iPad_GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: USB	
Log	Created by Device Seizure 6.84	
Highlights:	Acquisition started: Fri Apr 24 17:38:34 EDT 2015	
	Acquisition finished: Fri Apr 24 18:07:42 EDT 2015	
	Remaining number of PUK attempts were properly displayed	
Results:		
	Assertion & Expected Result	Actual Result
	MDT-AO-11 Remaining number of PUK attempts properly	as expected
	displayed.	
Analysis:	Expected results achieved	

232 **1.2.110 MDT-19 - iPad GSM**

Test Case MDT	-19 Device Seizure v6.8	
Case	MDT-19 Acquire mobile device internal memory and review data	containing
Summary:	non-ASCII characters.	
Assertions:	MDT-AO-13 If the mobile device forensic tool supports display of non-ASCII	
	characters then acquired data containing non-ASCII characters	should be
	presented in their native format.	
Tester Name:	jrr	
Test Host:	PN100919	
Test Date:	Fri Apr 24 17:39:04 EDT 2015	
Device:	iPad_GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: cable	
Log	Created by Device Seizure 6.84	
Highlights:	Acquisition started: Fri Apr 24 17:39:04 EDT 2015	
	Acquisition finished: Fri Apr 24 18:08:04 EDT 2015	
	Non-ASCII Address book entries were acquired and properly dis	played
	Non-ASCII text messages were acquired and properly displayed	
7.		
Results:		
	Assertion & Expected Result	Actual Result
	MDM 20 12 Association of data containing non ACCIT	L
	MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.	as expected
	characters presented in their hative format.	
Analysis:	Expected results achieved	
Imariorb.	Inpeded Tebutes delitered	

233

234 **1.2.111 MDT-20 - iPad GSM**

Test Case MDT-	Test Case MDT-20 Device Seizure v6.8	
Case	MDT-20 Acquire UICC memory and review data containing non-ASCII characters.	
Summary:		
Assertions:	MDT-AO-13 If the mobile device forensic tool supports display of non-ASCII characters then acquired data containing non-ASCII characters should be presented in their native format.	

Test Case MDT-20 Device Seizure v6.8		
Tester Name:	jrr	
Test Host:	PN100919	
Test Date:	Fri Apr 24 17:39:31 EDT 2015	
Device:	iPad_GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: USB	
Log	Created by Device Seizure 6.84	
Highlights:	Acquisition started: Fri Apr 24 17:39:31 EDT 2015	
	Acquisition finished: Fri Apr 24 18:08:31 EDT 2015	
	Non-ASCII ADNs were acquired and properly displayed	
	Non-ASCII text messages were acquired and properly display	rea
Results:		
	Assertion & Expected Result	Actual
		Result
	MDT-AO-13 Acquisition of data containing non-ASCII	as expected
	characters presented in their native format.	
Analysis:	Expected results achieved	

236 **1.2.112 MDT-22 - iPad GSM**

Test Case MDT	-22 Device Seizure v6.8	
Case	MDT-22 Acquire mobile device internal memory and review hash	values for
Summary:	vendor supported data objects.	
Assertions:	MDT-AO-15 If the mobile device forensic tool supports hashing	
	individual data objects then the tool shall present the user	with a hash
	value for each supported data object.	
Tester Name:	jrr	
Test Host:	PN100919	
Test Date:	Fri Apr 24 17:39:57 EDT 2015	
Device:	iPad_GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: cable	
_		
Log	Created by Device Seizure 6.84	
Highlights:	Acquisition started: Fri Apr 24 17:39:57 EDT 2015 Acquisition finished: Fri Apr 24 18:08:47 EDT 2015	
	Acquisicion linished: Fil Apr 24 10:00:47 EDI 2015	
	Hash values were properly reported for individually acquired	device data
	elements	device data
	Notes:	
	Hashes were present only on PDF report. However, HTML report	doen not
	report hashes.	
Results:		
	Assertion & Expected Result	Actual
	·	Result
	MDT-AO-15 Hash values for individual data and case	as expected
	presented in a useable format.	-
Analysis:	Expected results achieved	
	1 1	

237

238 **1.2.113 MDT-23 - iPad GSM**

Test Case MDT-	-23 Device Seizure v6.8
Case	MDT-23 Acquire UICC memory and review hash values for vendor supported data
Summary:	objects.
Assertions:	MDT-AO-15 If the mobile device forensic tool supports hashing for

Test Case MDT	-23 Device Seizure v6.8	
	individual data objects then the tool shall present the user	with a hash
	value for each supported data object.	
Tester Name:	jrr	
Test Host:	PN100919	
Test Date:	Fri Apr 24 17:40:48 EDT 2015	
Device:	iPad_GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: USB	
Log	Created by Device Seizure 6.84	
Highlights:	Acquisition started: Fri Apr 24 17:40:48 EDT 2015	
	Acquisition finished: Fri Apr 24 18:10:02 EDT 2015	
	Hash values were properly reported for individually acquired elements	SIM data
	Notes: Hashes were present only on PDF report. However, HTML report report hashes.	doen not
Results:		
	Assertion & Expected Result	Actual Result
	MDT-AO-15 Hash values for individual data and case	as expected
	presented in a useable format.	
		_
Analysis:	Expected results achieved	

240 **1.2.114 MDT-24 - iPad GSM**

Test Case MDT	-24 Device Seizure v6.8	
Case	MDT-24 Acquire mobile device internal memory and review data	containing GPS
Summary:	longitude and latitude coordinates	
Assertions:	MDT-AO-16 If the mobile device forensic tool supports acquis data then the tool shall present the user with the longitude coordinates for all GPS-related data in a useable format.	
Tester Name:	jrr	
Test Host:	PN100919	
Test Date:	Fri Apr 24 17:41:16 EDT 2015	
Device:	iPad_GSM	
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable	
Log Highlights:	Created by Device Seizure 6.84 Acquisition started: Fri Apr 24 17:41:16 EDT 2015 Acquisition finished: Fri Apr 24 18:10:54 EDT 2015 GPS Coordinate data was successfully acquired	
Results:		
	Assertion & Expected Result	Actual Result
	MDT-AO-16 Acquisition of GPS related data presented in a useable format.	as expected
Analysis:	Expected results achieved	

241 **1.2.115 MDT-01 - iPad Mini CDMA**

Test Case MDT	Test Case MDT-01 Device Seizure v6.8	
Case	MDT-01 Acquire mobile device internal memory over tool-supported interfaces	
Summary:	(e.g., cable, Bluetooth, IrDA).	

Test Case MDT	-01 Device Seizure v6.8	
Assertions:	MDT-CA-01 If a mobile device forensic tool provides support connectivity of the target device then the tool shall succeeding the target device via all vendor supported intercable, Bluetooth, IrDA).	cessfully
Tester Name:	jrr	
Test Host:	PN100919	
Test Date:	Fri Apr 3 10:54:35 EDT 2015	
Device:	iPadMini_CDMA	
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable	
Log Highlights:	Created by Device Seizure v6.8 Acquisition started: Fri Apr 3 10:54:35 EDT 2015 Acquisition finished: Fri Apr 3 11:01:50 EDT 2015 Device connectivity was established via supported interface	ce
Results:	Assertion & Expected Result MDT-CA-01 Device connectivity via supported interfaces.	Actual Result as expected
Analysis:	Expected results achieved	

243 **1.2.116 MDT-02 - iPad Mini CDMA**

Test Case MDT	-02 Device Seizure v6.8	
Case	MDT-02 Begin mobile device internal memory acquisition and interrupt	
Summary:	connectivity by interface disengagement.	
Assertions:	MDT-CA-02 If connectivity between the mobile device and mobile device	
	forensic tool is disrupted then the tool shall notify the user that	
	connectivity has been disrupted.	
Tester Name:	jrr	
Test Host:	PN100919	
Test Date:	Fri Apr 3 10:55:06 EDT 2015	
Device:	iPadMini_CDMA	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: cable	
Log	Created by Device Seizure v6.8	
Highlights:	Acquisition started: Fri Apr 3 10:55:06 EDT 2015	
	Acquisition finished: Fri Apr 3 11:02:47 EDT 2015	
	Device acquisition disruption notification was successful	
Results:		
	Assertion & Expected Result	Actual Result
	MDT-CA-02 Notification of device acquisition disruption.	as expected
1		
Analysis:	Expected results achieved	

244

245 **1.2.117 MDT-03 - iPad Mini CDMA**

Test Case MDT	-03 Device Seizure v6.8	
Case	MDT-03 Acquire mobile device internal memory and review reported data via	
Summary:	the preview-pane or generated reports for readability.	
Assertions:	MDT-CA-03 If a mobile device forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or generated report.	
Tester	jrr	
Name:		

Test Case MDT	-03 Device Seizure v6.8	
Test Host:	PN100919	
Test Date:	Fri Apr 3 10:56:12 EDT 2015	
Device:	iPadMini_CDMA	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: cable	
_		
Log	Created by Device Seizure v6.8	
Highlights:	Acquisition started: Fri Apr 3 10:56:12 EDT 2015	
	Acquisition finished: Fri Apr 3 11:03:19 EDT 2015	
	Readability and completeness of acquired data was successful	1
Results:		
	Assertion & Expected Result	Actual Result
	MDT-CA-03 Readability and completeness of acquired data via supported reports.	as expected
Analysis:	Expected results achieved	

247 **1.2.118 MDT-04 - iPad Mini CDMA**

Test Case MDT	-04 Device Seizure v6.8	
Case	MDT-04 Acquire mobile device internal memory and review reported subscriber	
Summary:	and equipment related information (e.g., IMSI, IMEI, MEID/ESN, MSISDN).	
Assertions:	MDT-CA-04 If a mobile device forensic tool completes acquisition of the	
	target device without error then subscriber and equipment related	
	information shall be presented in a useable format.	
Tester Name:	jrr	
Test Host:	PN100919	
Test Date:	Fri Apr 3 10:56:51 EDT 2015	
Device:	iPadMini_CDMA	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: cable	
Log	Created by Device Seizure v6.8	
Highlights:	Acquisition started: Fri Apr 3 10:56:51 EDT 2015	
	Acquisition finished: Fri Apr 3 11:03:59 EDT 2015	
	IMEI, MEID/ESN were acquired	
Results:		
	Assertion & Expected Result Actual Result	
	MDT-CA-04 Acquisition of mobile device subscriber and as expect	ed
	equipment related data in a useable format.	
Analysis:	Expected results achieved	

248

249 **1.2.119 MDT-05 - iPad Mini CDMA**

	I-05 Device Seizure v6.8
Case	MDT-05 Acquire mobile device internal memory and review supported data
Summary:	elements (i.e., PIM data, call logs, SMS, MMS, stand-alone files: audio,
	pictures, video, application related data: documents, spreadsheets,
	presentations, social-media data and Internet related data: bookmarks,
	visited sites).
Assertions:	MDT-CA-05 If a mobile device forensic tool completes acquisition of the target device without error then all supported data elements shall be presented in a useable format.
Tester	irr
Name:	

Test Case MD7	I-05 Device Seizure v6.8		
Test Host:	PN100919		
Test Date:	Fri Apr 3 10:57:36 EDT 2015		
Device:	iPadMini_CDMA		
Source	OS: WIN 7 v6.1.7601		
Setup:	Interface: cable		
Log	Created by Device Seizure v6.8		
Highlights:	Acquisition started: Fri Apr 3 10:57:36 EDT 2015		
	Acquisition finished: Fri Apr 3 11:23:48 EDT 2015		
	All address book entries were successfully acquired		
	Basic PIM related data was acquired		
	Partial Maximum length PIM related data was acquired		
	All Call Logs (incoming, outgoing, missed) were acquired All Call Log date/time stamps data were correctly reported		
	ALL text messages (SMS, EMS) were acquired		
	Correct date/time stamps were reported for all text messages		
	Correct status flags were reported for all text messages		
	Sender and Recipient phone numbers associated with text messages	ages were	
	correctly reported		
	ALL MMS messages (Audio, Image, Video) were acquired		
	Audio files were not acquired		
	Image files were acquired		
	Video files were acquired		
	All application data was acquired		
	All Internet related data was acquired		
	All Social media related data was acquired		
	Notes:		
	Home address within a contact entry was not acquired.		
	Long Memo was partially acquired.		
Results:			
veanira:	Assertion & Expected Result	Actual	
	Assertion & Expected Result	Result	
	MDT-CA-05 Acquisition of all mobile device supported data	Not as	
	elements in a useable format.	expected	
	STORIES IN SUBSECTION OF	on pooted	
Analysis:	Partial results achieved		

251 **1.2.120 MDT-06 - iPad Mini CDMA**

Test Case MDT	-06 Device Seizure v6.8	
Case	MDT-06 Acquire mobile device internal memory by selecting a combination of	
Summary:	supported data elements.	
Assertions:	MDT-CA-06 If a mobile device forensic tool provides the user with an Acquire All device data objects acquisition option then the tool shall complete the acquisition of all data objects without error. MDT-CA-07 If a mobile device forensic tool provides the user with an Select All individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error. MDT-CA-08 If a mobile device forensic tool provides the user with the ability to Select Individual device data objects for acquisition then the tool shall acquire each exclusive data object without error. MDT-CA-09 If a mobile device forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent.	
Tester Name:	jrr	
Test Host:	PN100919	
Test Date:	Fri Apr 3 10:58:08 EDT 2015	
Device:	iPadMini_CDMA	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: cable	
Log	Created by Device Seizure v6.8	
Highlights:	Acquisition started: Fri Apr 3 10:58:08 EDT 2015	

Test Case MD	T-06 Device Seizure v6.8	
	Acquisition finished: Fri Apr 3 11:24:21 EDT 2015	
	Individual data element acquisition was successful	
Results:		
	Assertion & Expected Result	Actual Result
	MDT-CA-06 Acquire-all mobile device data objects acquisition.	as expected
	MDT-CA-07 Select-all mobile device data objects acquisition.	as expected
	MDT-CA-08 Select-individual mobile device data objects acquisition.	as expected
	MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications.	as expected
Analysis:	Expected results achieved	

253 **1.2.121 MDT-12 - iPad Mini CDMA**

Test Case MDT	-12 Device Seizure v6.8		
Case	MDT-12 After a successful mobile device internal memory, alter the case file via third-party means and attempt to re-open the case.		
Summary: Assertions:			
Assertions:	MDT-AO-08 If the case file or individual data objects are modified via		
	third-party means then the tool shall provide protection mechanisms		
	disallowing or reporting data modification.		
Tester Name:	jrr		
Test Host:	PN100919		
Test Date:	Fri Apr 3 10:58:35 EDT 2015		
Device:	iPadMini_CDMA		
Source	OS: WIN 7 v6.1.7601		
Setup:	Interface: cable		
Log	Created by Device Seizure v6.8		
Highlights:	Acquisition started: Fri Apr 3 10:58:35 EDT 2015		
	Acquisition finished: Fri Apr 3 11:24:47 EDT 2015		
	Notification of modified device memory data was not su	ccessful	
Results:			
	Assertion & Expected Result	Actual Result	
	MDT-AO-08 Notification of modified device case data.	Not as expected	
Analysis:	Expected results not achieved	<u> </u>	

254

255 **1.2.122 MDT-19 - iPad Mini CDMA**

Test Case MDT	-19 Device Seizure v6.8
Case	MDT-19 Acquire mobile device internal memory and review data containing
Summary:	non-ASCII characters.
Assertions:	MDT-AO-13 If the mobile device forensic tool supports display of non-ASCII characters then acquired data containing non-ASCII characters should be presented in their native format.
Tester Name:	jrr
Test Host:	PN100919
Test Date:	Fri Apr 3 10:59:42 EDT 2015
Device:	iPadMini_CDMA
Source	OS: WIN 7 v6.1.7601
Setup:	Interface: cable
Loq	Created by Device Seizure v6.8

Test Case MDT	-19 Device Seizure v6.8	
Highlights: Acquisition started: Fri Apr 3 10:59:42 EDT 2015 Acquisition finished: Fri Apr 3 11:25:17 EDT 2015		
	Non-ASCII Address book entries were acquired and properly Non-ASCII text messages were acquired and properly displa	
Results:		
	Assertion & Expected Result	Actual Result
	MDT-A0-13 Acquisition of data containing non-ASCII characters presented in their native format.	as expected
Analysis:	Expected results achieved	

257 **1.2.123 MDT-22 - iPad Mini CDMA**

Test Case MDT	-22 Device Seizure v6.8	
Case	MDT-22 Acquire mobile device internal memory and review hash	values for
Summary:	vendor supported data objects.	
Assertions:	MDT-AO-15 If the mobile device forensic tool supports hashin individual data objects then the tool shall present the user value for each supported data object.	
Tester Name:	jrr	
Test Host:	PN100919	
Test Date:	Fri Apr 3 11:00:40 EDT 2015	
Device:	iPadMini_CDMA	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: cable	
Log Highlights:	Created by Device Seizure v6.8 Acquisition started: Fri Apr 3 11:00:40 EDT 2015 Acquisition finished: Fri Apr 3 11:25:48 EDT 2015 Hash values were properly reported for individually acquired elements Notes: Hashes were present only on PDF report. However, HTML report report hashes.	
Results:	Assertion & Expected Result MDT-AO-15 Hash values for individual data and case presented in a useable format.	Actual Result as expected
Analysis:	Expected results achieved	

258

259 **1.2.124 MDT-24 - iPad Mini CDMA**

Test Case MDT	-24 Device Seizure v6.8
Case Summary:	MDT-24 Acquire mobile device internal memory and review data containing GPS longitude and latitude coordinates
Assertions:	MDT-AO-16 If the mobile device forensic tool supports acquisition of GPS data then the tool shall present the user with the longitude and latitude coordinates for all GPS-related data in a useable format.
Tester Name:	jrr
Test Host:	PN100919
Test Date:	Fri Apr 3 11:01:23 EDT 2015
Device:	iPadMini_CDMA
Source	OS: WIN 7 v6.1.7601
Setup:	Interface: cable

Test Case MD	I-24 Device Seizure v6.8	
Log	Created by Device Seizure v6.8	
Highlights:	Acquisition started: Fri Apr 3 11:01:23 EDT 2015	
	Acquisition finished: Fri Apr 3 11:26:09 EDT 2015	
	GPS Coordinate data was successfully acquired	
	GPS COORDINATE data was successfully acquired	
Results:		
	Assertion & Expected Result	Actual Result
	MDT-AO-16 Acquisition of GPS related data presented in a useable format.	as expected
Analysis:	Expected results achieved	

260 1.2.125 MDT-01 - iPad Mini GSM

Test Case MDT	-01 Device Seizure v6.8	
Case	MDT-01 Acquire mobile device internal memory over tool-supported interfaces	
Summary:	(e.g., cable, Bluetooth, IrDA).	
Assertions:	MDT-CA-01 If a mobile device forensic tool provides support for	
	connectivity of the target device then the tool shall such	cessfully
	recognize the target device via all vendor supported inte	rfaces (e.g.,
	cable, Bluetooth, IrDA).	
Tester Name:	irr	
Test Host:	PN100919	
Test Date:	Fri Apr 24 16:46:06 EDT 2015	
Device:	iPadMini GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: cable	
_		
Log	Created by Device Seizure 6.84	
Highlights:	Acquisition started: Fri Apr 24 16:46:06 EDT 2015	
	Acquisition finished: Fri Apr 24 16:56:28 EDT 2015	
	Device connectivity was established via supported interfa-	Ce
	Device commercial was observabled and supported inscrin	
Results:		
	Assertion & Expected Result	Actual Result
	MDT-CA-01 Device connectivity via supported interfaces.	as expected
Analysis:	Expected results achieved	
1	1	

261

262 1.2.126 MDT-02 - iPad Mini GSM

Test Case MDT	-02 Device Seizure v6.8
Case	MDT-02 Begin mobile device internal memory acquisition and interrupt
Summary:	connectivity by interface disengagement.
Assertions:	MDT-CA-02 If connectivity between the mobile device and mobile device forensic tool is disrupted then the tool shall notify the user that connectivity has been disrupted.
Tester Name:	jrr
Test Host:	PN100919
Test Date:	Fri Apr 24 16:46:40 EDT 2015
Device:	iPadMini_GSM
Source	OS: WIN 7 v6.1.7601
Setup:	Interface: cable
Log	Created by Device Seizure 6.84
Highlights:	Acquisition started: Fri Apr 24 16:46:40 EDT 2015
	Acquisition finished: Fri Apr 24 16:56:46 EDT 2015

Test Case MDT	C-02 Device Seizure v6.8	
	Device acquisition disruption notification was successful	
Results:		
	Assertion & Expected Result	Actual Result
	MDT-CA-02 Notification of device acquisition disruption.	as expected
31	Towns of advanced to a self-ord	
Analysis:	Expected results achieved	

264 1.2.127 MDT-03 - iPad Mini GSM

Test Case MDT	T-03 Device Seizure v6.8	
Case	MDT-03 Acquire mobile device internal memory and review report	ed data via
Summary:	the preview-pane or generated reports for readability.	
Assertions:	MDT-CA-03 If a mobile device forensic tool completes acquisititarget device without error then the tool shall have the abilitacquired data objects in a useable format via either a preview generated report.	ity to present
Tester	jrr	
Name:		
Test Host:	PN100919	
Test Date:	Fri Apr 24 16:47:18 EDT 2015	
Device:	iPadMini_GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: cable	
Log	Created by Device Seizure 6.84	
Highlights:	Acquisition started: Fri Apr 24 16:47:18 EDT 2015	
	Acquisition finished: Fri Apr 24 16:57:53 EDT 2015	
	Readability and completeness of acquired data was successful	
Results:		
	Assertion & Expected Result	Actual
		Result
	MDT-CA-03 Readability and completeness of acquired data	as expected
	via supported reports.	
Analysis:	Expected results achieved	

265

266

267 1.2.128 MDT-04 - iPad Mini GSM

Test Case MDT	-04 Device Seizure v6.8	
Case	MDT-04 Acquire mobile device internal memory and review reported subscriber	
Summary:	and equipment related information (e.g., IMSI, IMEI, MEID/ESN, MSISDN).	
Assertions:	MDT-CA-04 If a mobile device forensic tool completes acquisit:	ion of the
	target device without error then subscriber and equipment related	
	information shall be presented in a useable format.	
Tester Name:	jrr	
Test Host:	PN100919	
Test Date:	Fri Apr 24 16:47:45 EDT 2015	
Device:	iPadMini_GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: cable	
Log Highlights:	Created by Device Seizure 6.84 Acquisition started: Fri Apr 24 16:47:45 EDT 2015 Acquisition finished: Fri Apr 24 16:59:43 EDT 2015 Subscriber and Equipment related data (i.e., MSISDN, IMEI) were	re acquired
Results:		
	Assertion & Expected Result	Actual Result
	MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format.	as expected
Analysis:	Expected results achieved	

268

269 **1.2.129 MDT-05 - iPad Mini GSM**

Test Case MD	I-05 Device Seizure v6.8
Case Summary:	MDT-05 Acquire mobile device internal memory and review supported data elements (i.e., PIM data, call logs, SMS, MMS, stand-alone files: audio, pictures, video, application related data: documents, spreadsheets, presentations, social-media data and Internet related data: bookmarks, visited sites).
Assertions:	MDT-CA-05 If a mobile device forensic tool completes acquisition of the target device without error then all supported data elements shall be presented in a useable format.
Tester Name:	jrr
Test Host:	PN100919
Test Date:	Fri Apr 24 16:48:13 EDT 2015
Device:	iPadMini_GSM
Source	OS: WIN 7 v6.1.7601
Setup:	Interface: cable
Log Highlights:	Created by Device Seizure 6.84 Acquisition started: Fri Apr 24 16:48:13 EDT 2015
mightighes.	Acquisition finished: Fri Apr 24 17:18:28 EDT 2015
	All address book entries were successfully acquired Basic PIM related data was acquired
	Partial Maximum length PIM related data was acquired
	All Call Logs (incoming, outgoing, missed) were acquired
	All Call Log date/time stamps data were correctly reported
	ALL text messages (SMS, EMS) were acquired
	Correct date/time stamps were reported for all text messages
	Correct status flags were reported for all text messages
	Sender and Recipient phone numbers associated with text messages were
	correctly reported
	Audio MMS messages were not acquired
	Image MMS messages were not acquired
	Video MMS messages were not acquired
	ALL stand-alone data files (Audio, Image, Video) were acquired

Test Case MD	I-05 Device Seizure v6.8	
	All application data was acquired	
	Partial Internet related data was acquired	
	Partial Social media related data was acquired	
Results:		
	Assertion & Expected Result	Actual
		Result
	MDT-CA-05 Acquisition of all mobile device supported data	Not as
	elements in a useable format.	expected
Analysis:	Partial results achieved	

271 **1.2.130 MDT-06 - iPad Mini GSM**

Test Case MDT	-06 Device Seizure v6.8	
Case	MDT-06 Acquire mobile device internal memory by selecting a	combination of
Summary:	supported data elements.	
Assertions:	MDT-CA-06 If a mobile device forensic tool provides the user Acquire All device data objects acquisition option then the complete the acquisition of all data objects without error. MDT-CA-07 If a mobile device forensic tool provides the user All individual device data objects then the tool shall comple acquisition of all individually selected data objects without MDT-CA-08 If a mobile device forensic tool provides the user ability to Select Individual device data objects for acquisit tool shall acquire each exclusive data object without error. MDT-CA-09 If a mobile device forensic tool completes two conslogical acquisitions of the target device without error then (data objects) on the mobile device shall remain consistent.	with an Select ete the terror. with the tion then the secutive
Tester Name:	jrr	
Test Host:	PN100919	
Test Date:	Fri Apr 24 16:48:51 EDT 2015	
Device:	iPadMini GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: cable	
Log Highlights:	Created by Device Seizure 6.84 Acquisition started: Fri Apr 24 16:48:51 EDT 2015 Acquisition finished: Fri Apr 24 17:19:10 EDT 2015 Individual data element acquisition was successful	
Results:		
Results.	Assertion & Expected Result	Actual Result
	MDT-CA-06 Acquire-all mobile device data objects acquisition.	as expected
	MDT-CA-07 Select-all mobile device data objects acquisition.	as expected
	MDT-CA-08 Select-individual mobile device data objects acquisition.	as expected
	MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications.	as expected
Analysis:	Expected results achieved	

272

273

274 **1.2.131 MDT-07 - iPad Mini GSM**

Test Case MDT	2-07 Device Seizure v6.8		
Case	MDT-07 Acquire UICC memory over supported interfaces (e.g., PC/SC reader).		
Summary:			
Assertions:	MDT-AO-01 If a mobile device forensic tool provides support for		
	connectivity of the target UICC then the tool shall successfully recognize		
	the target SIM via all tool-supported interfaces (e.g., PC/SC reader,		
	proprietary reader, smart phone itself).		
Tester	jrr		
Name:			
Test Host:	PN100919		
Test Date:	Fri Apr 24 16:49:21 EDT 2015		
Device:	iPadMini_GSM		
Source	OS: WIN 7 v6.1.7601		
Setup:	Interface: cable		
Log	Created by Device Seizure 6.84		
Highlights:	Acquisition started: Fri Apr 24 16:49:21 EDT 2015		
	Acquisition finished: Fri Apr 24 17:19:30 EDT 2015		
	UICC connectivity was established via supported interfa	ce	
Results:			
	Assertion & Expected Result	Actual Result	
	MDT-AO-01 UICC connectivity via supported interfaces.	as expected	
Analysis:	Expected results achieved		

275

276

1.2.132 MDT-08 - iPad Mini GSM

Test Case MDT	-08 Device Seizure v6.8		
Case	MDT-08 Begin UICC acquisition and interrupt connectivity by interface		
Summary:	disengagement.		
Assertions:	MDT-AO-02 If a mobile device forensic tool loses connectivity with the UICC reader then the tool shall notify the user that connectivity has been disrupted.		
Tester Name:	jrr		
Test Host:	PN100919		
Test Date:	Fri Apr 24 16:49:58 EDT 2015		
Device:	iPadMini_GSM		
Source	OS: WIN 7 v6.1.7601		
Setup:	Interface: cable		
Log	Created by Device Seizure 6.84		
Highlights:	Acquisition started: Fri Apr 24 16:49:58 EDT 2015		
	Acquisition finished: Fri Apr 24 17:20:00 EDT 2015		
	Media acquisition disruption notification was successful		
Results:			
	Assertion & Expected Result	Actual Result	
	MDT-AO-02 Notification of SIM acquisition disruption.	as expected	
Analysis:	Expected results achieved	_	

277

278

279 **1.2.133 MDT-09 - iPad Mini GSM**

Test Case MDT	-09 Device Seizure v6.8		
Case	MDT-09Acquire UICC memory and review reported subscriber and equipment		
Summary:	related information (i.e., SPN, ICCID, IMSI, MSISDN).		
Assertions:	MDT-AO-03 If a mobile device forensic tool completes acquisition of the target UICC without error then the subscriber and equipment related data shall be presented in a useable format.		
Tester Name:	jrr		
Test Host:	PN100919		
Test Date:	Fri Apr 24 16:50:23 EDT 2015		
Device:	iPadMini GSM		
Source	OS: WIN 7 v6.1.7601		
Setup:	Interface: cable		
Log Highlights:	Created by Device Seizure 6.84 Acquisition started: Fri Apr 24 16:50:23 EDT 2015 Acquisition finished: Fri Apr 24 17:20:51 EDT 2015 All subscriber-related data (i.e., SPN, ICCID, IMSI, MSISDN) was acquired		
Results:			
	Assertion & Expected Result	Actual Result	
	MDT-A0-03 Acquisition of UICC subscriber and equipment related data in a useable format.	as expected	
Analysis:	Expected results achieved		

280

281 **1.2.134 MDT-10 - iPad Mini GSM**

Test Case MDT	-10 Device Seizure v6.8		
Case	MDT-10 Acquire UICC memory and review supported data elements (i.e.,		
Summary:	Abbreviated Dialing Numbers, Last Numbers Dialed, SMS/EMS text messages,		
	and location related data: LOCI, GPRSLOCI).		
Assertions:	MDT-AO-04 If a mobile device forensic tool completes acquisition of the target UICC without error then all acquired data shall be presented in a useable format.		
Tester Name:	jrr		
Test Host:	PN100919		
Test Date:	Fri Apr 24 16:50:50 EDT 2015		
Device:	iPadMini_GSM		
Source	OS: WIN 7 v6.1.7601		
Setup:	Interface: cable		
Log	Created by Device Seizure 6.84		
Highlights:	Acquisition started: Fri Apr 24 16:50:50 EDT 2015		
	Acquisition finished: Fri Apr 24 17:22:11 EDT 2015		
All ADNs were acquired			
	LNDs were acquired		
	Date/Time Stamps correctly reported for LNDs		
	ALL text messages (SMS, EMS) were acquired		
	All date/time stamps were reported for text messages Correct status flags were reported for text messages		
	Sender and Recipient phone numbers associated with text messages were		
	correctly reported	uges were	
	Deleted text message data was recovered		
	LOCI data was acquired		
	GPRSLOCI data was acquired		
	ornomore auth was adjusted		
Results:			
	Assertion & Expected Result	Actual	
		Result	
	MDT-AO-04 Acquisition of all UICC supported data elements in a useable format.	as expected	

Test Case MDT	-10 Device Seizure v6.8
Analysis:	Expected results achieved

283

1.2.135 MDT-11 - iPad Mini GSM

Test Case MDT	-11 Device Seizure v6.8		
Case	MDT-11 Acquire UICC memory by selecting a combination of supported data		
Summary:	elements.		
Assertions:	MDT-AO-05 If a mobile device forensic tool provides the user with an Acquire All UICC data objects acquisition option then the tool shall complete the acquisition of all data objects without error. MDT-AO-06 If a mobile device forensic tool provides the user with an Select All individual UICC data objects then the tool shall complete the acquisition of all individually selected data objects without error. MDT-AO-07 If a mobile device forensic tool provides the user with the ability to Select Individual UICC data objects for acquisition then the tool shall acquire each exclusive data object without error.		
Tester Name:	jrr		
Test Host:	PN100919		
Test Date:	Fri Apr 24 16:51:24 EDT 2015		
Device:	iPadMini GSM		
Source	OS: WIN 7 v6.1.7601		
Setup:	Interface: cable		
Log Highlights:	Created by Device Seizure 6.84 Acquisition started: Fri Apr 24 16:51:24 EDT 2015 Acquisition finished: Fri Apr 24 17:22:35 EDT 2015 Individual data element acquisition was successful		
Results:			
	Assertion & Expected Result	Actual Result	
	MDT-A0-05 Acquire-all UICC data objects acquisition.	as expected	
	MDT-AO-06 Select-all UICC data objects acquisition.	as expected	
	MDT-AO-07 Select-individual UICC data objects	as expected	
	acquisition.		
Analysis:	Expected results achieved		

284

285 **1.2.136 MDT-12 - iPad Mini GSM**

Test Case MDT	-12 Device Seizure v6.8
Case	MDT-12 After a successful mobile device internal memory, alter the case
Summary:	file via third-party means and attempt to re-open the case.
Assertions:	MDT-AO-08 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.
Tester Name:	jrr
Test Host:	PN100919
Test Date:	Fri Apr 24 16:51:52 EDT 2015
Device:	iPadMini_GSM
Source	OS: WIN 7 v6.1.7601
Setup:	Interface: cable
Log	Created by Device Seizure 6.84
Highlights:	Acquisition started: Fri Apr 24 16:51:52 EDT 2015
	Acquisition finished: Fri Apr 24 17:22:56 EDT 2015
	Notification of modified device memory data was not successful
Results:	

Test Case MDT-12 Device Seizure v6.8				
	Assertion & Expected Result	Actual Result		
	MDT-AO-08 Notification of modified device case data.	Not as expected		
Analysis:	Expected results not achieved			

1.2.137 MDT-13 - iPad Mini GSM

Test Case MDT	-13 Device Seizure v6.8	
Case	MDT-13 After a successful UICC acquisition, alter the case file via thir	d-
Summary:	party means and attempt to re-open the case.	
Assertions:	MDT-AO-08 If the case file or individual data objects are modified via	
	third-party means then the tool shall provide protection mechanisms	
	disallowing or reporting data modification.	
Tester Name:	Jrr	
Test Host:	PN100919	
Test Date:	Fri Apr 24 16:52:14 EDT 2015	
Device:	iPadMini_GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: cable	
Log	Created by Device Seizure 6.84	
Highlights:	Acquisition started: Fri Apr 24 16:52:14 EDT 2015	
	Acquisition finished: Fri Apr 24 17:23:15 EDT 2015	
	Notification of modified SIM data was not successful	
Results:		
	Assertion & Expected Result Actual Result	
	MDT-A0-08 Notification of modified device case data. Not as expected	
Analysis:	Expected results not achieved	

1.2.138 MDT-14 - iPad Mini GSM

Test Case MDT	-14 Device Seizure v6.8		
Case	MDT-14 Attempt acquisition of a password-protected UICC.		
Summary:			
Assertions:	MDT-AO-09 If the UICC is password-protected then the mobile device forensic tool shall provide the examiner with the opportunity to input the PIN before acquisition.		ic
Tester Name:	Jrr		
Test Host:	PN100919		
Test Date:	Fri Apr 24 16:52:39 EDT 2015		
Device:	iPadMini_GSM		
Source	OS: WIN 7 v6.1.7601		
Setup:	Interface: cable		
Log	Created by Device Seizure 6.84		
Highlights:	Acquisition started: Fri Apr 24 16:52:39 EDT 2015		
	Acquisition finished: Fri Apr 24 17:23:53 EDT 2015		
	Ability to enter PIN on protected media before acqu	isition was successful	
Results:			
	Assertion & Expected Result	Actual Result	
	MDT-AO-09 Acquisition of password protected UICC.	as expected	
Analysis:	Expected results achieved		

291 **1.2.139 MDT-15 - iPad Mini GSM**

Test Case MDT	-15 Device Seizure v6.8	
Case	MDT-15 Begin acquisition on a PIN protected UICC to determine if the tool	
Summary:	provides an accurate count of the remaining number of PIN attempts and if	
	the PIN attempts are decremented when entering an incorrect value.	
Assertions:	MDT-AO-10 If a mobile device forensic tool provides the exam	niner with the
	remaining number of authentication attempts then the application	tion should
	provide an accurate count of the remaining PIN attempts.	
m 1		
Tester Name:	jrr	
Test Host:	PN100919	
Test Date:	Fri Apr 24 16:53:05 EDT 2015	
Device:	iPadMini_GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: cable	
Log	Created by Device Seizure 6.84	
Highlights:	Acquisition started: Fri Apr 24 16:53:05 EDT 2015	
	Acquisition finished: Fri Apr 24 17:24:38 EDT 2015	
	The remaining number of PIN attempts were properly displayed	l
Results:		
	Assertion & Expected Result	Actual
	-	Result
	MDT-AO-10 Remaining number of PIN attempts properly	as expected
	displayed.	-
Analysis:	Expected results achieved	

292

293 1.2.140 MDT-16 - iPad Mini GSM

	I-16 Device Seizure v6.8	
Case	MDT-16 Begin acquisition on a UICC whose PIN attempts have been exhausted	
Summary:	of PUK attempts and if the PUK attempts are decremented when entering an	
	incorrect value.	
Assertions:	MDT-AO-11 If a mobile device forensic tool provides the exa	miner with the
	remaining number of PUK attempts then the application shoul	d provide an
	accurate count of the remaining PUK attempts.	
Tester	jrr	
Name:		
Test Host:	PN100919	
Test Date:	Fri Apr 24 16:53:33 EDT 2015	
Device:	iPadMini_GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: cable	
Log	Created by Device Seizure 6.84	
Highlights:	Acquisition started: Fri Apr 24 16:53:33 EDT 2015	
	Acquisition finished: Fri Apr 24 17:25:01 EDT 2015	
	Remaining number of PUK attempts were properly displayed	
Results:		
	Assertion & Expected Result	Actual
		Result
	MDT-AO-11 Remaining number of PUK attempts properly	as expected
	displayed.	
Analysis:	Expected results achieved	

294

295

1.2.141 MDT-19 - iPad Mini GSM

Test Case MDT	-19 Device Seizure v6.8	
Case	MDT-19 Acquire mobile device internal memory and review data	containing
Summary:	non-ASCII characters.	
Assertions:	MDT-AO-13 If the mobile device forensic tool supports display characters then acquired data containing non-ASCII characters presented in their native format.	
Tester Name:	jrr	
Test Host:	PN100919	
Test Date:	Fri Apr 24 16:53:55 EDT 2015	
Device:	iPadMini_GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: cable	
Log Highlights:	Created by Device Seizure 6.84 Acquisition started: Fri Apr 24 16:53:55 EDT 2015 Acquisition finished: Fri Apr 24 17:25:26 EDT 2015 Non-ASCII Address book entries were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed	
Results:		
	Assertion & Expected Result	Actual Result
	MDT-AO-13 Acquisition of data containing non-ASCII	as expected
	characters presented in their native format.	
ı		
Analysis:	Expected results achieved	

1.2.142 MDT-20 - iPad Mini GSM

Test Case MDT	-20 Device Seizure v6.8	
Case Summary:	MDT-20 Acquire UICC memory and review data containing non-ASC	II characters.
Assertions:	MDT-AO-13 If the mobile device forensic tool supports display characters then acquired data containing non-ASCII characters presented in their native format.	
Tester Name:	jrr	
Test Host:	PN100919	
Test Date:	Fri Apr 24 16:54:29 EDT 2015	
Device:	iPadMini_GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: USB	
Log Highlights:	Created by Device Seizure 6.84 Acquisition started: Fri Apr 24 16:54:29 EDT 2015 Acquisition finished: Fri Apr 24 17:48:10 EDT 2015 Non-ASCII ADNs were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed	
Results:	Assertion & Expected Result	Actual Result
	MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.	as expected
Analysis:	Expected results achieved	
IIIIGI JOID .	Inpedica resures delitered	

1.2.143 MDT-22 - iPad Mini GSM

Test Case MDT-22 Device Seizure v6.8	

Test Case MDT	-22 Device Seizure v6.8	
Case	MDT-22 Acquire mobile device internal memory and review hash	values for
Summary:	vendor supported data objects.	
Assertions:		
	individual data objects then the tool shall present the user	with a hash
	value for each supported data object.	
Tester Name:	jrr	
Test Host:	PN100919	
Test Date:	Fri Apr 24 16:54:44 EDT 2015	
Device:	iPadMini_GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: cable	
Log Highlights:	Created by Device Seizure 6.84 Acquisition started: Fri Apr 24 16:54:44 EDT 2015 Acquisition finished: Fri Apr 24 17:26:12 EDT 2015 Hash values were properly reported for individually acquired elements Notes: Hashes were present only on PDF report. However, HTML report report hashes.	
Results:	Assertion & Expected Result MDT-AO-15 Hash values for individual data and case presented in a useable format.	Actual Result as expected
Analysis:	Expected results achieved	

301 **1.2.144 MDT-23 - iPad Mini GSM**

Test Case MDT	-23 Device Seizure v6.8	
Case	MDT-23 Acquire UICC memory and review hash values for vendor	supported data
Summary:	objects.	
Assertions:	MDT-AO-15 If the mobile device forensic tool supports hashing individual data objects then the tool shall present the user value for each supported data object.	
Tester Name:	jrr	
Test Host:	PN100919	
Test Date:	Fri Apr 24 16:55:10 EDT 2015	
Device:	iPadMini GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: cable	
Log Highlights:	Created by Device Seizure 6.84 Acquisition started: Fri Apr 24 16:55:10 EDT 2015 Acquisition finished: Fri Apr 24 17:27:31 EDT 2015 Hash values were properly reported for individually acquired elements Notes: Hashes were present only on PDF report. However, HTML report report hashes.	
Results:	Assertion & Expected Result MDT-AO-15 Hash values for individual data and case presented in a useable format.	Actual Result as expected
Analysis:	Expected results achieved	

302 **1.2.145 MDT-24 - iPad Mini GSM**

Test Case MDT	-24 Device Seizure v6.8	
Case	MDT-24 Acquire mobile device internal memory and review data	containing GPS
Summary:	longitude and latitude coordinates	
Assertions:	MDT-AO-16 If the mobile device forensic tool supports acquis data then the tool shall present the user with the longitude coordinates for all GPS-related data in a useable format.	
Tester Name:	jrr	
Test Host:	PN100919	
Test Date:	Fri Apr 24 16:55:44 EDT 2015	
Device:	iPadMini_GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: cable	
Log Highlights:	Created by Device Seizure 6.84 Acquisition started: Fri Apr 24 16:55:44 EDT 2015 Acquisition finished: Fri Apr 24 17:28:38 EDT 2015 GPS Coordinate data was successfully acquired	
Results:		
	Assertion & Expected Result	Actual Result
	MDT-A0-16 Acquisition of GPS related data presented in a useable format.	as expected
Analysis:	Expected results achieved	

303 **1.2.146 MDT-01 - iPhone 5 GSM**

Test Case MDT	-01 Device Seizure v6.8	
Case	MDT-01 Acquire mobile device internal memory over tool-supported interfaces	
Summary:	(e.g., cable, Bluetooth, IrDA).	
Assertions:	MDT-CA-01 If a mobile device forensic tool provides support for	
	connectivity of the target device then the tool shall suc	
	recognize the target device via all vendor supported inte	rfaces (e.g.,
	cable, Bluetooth, IrDA).	
Tester Name:	jrr	
Test Host:	PN100919	
Test Date:	Fri Apr 24 16:00:39 EDT 2015	
Device:	iPhone5_GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: cable	
Log	Created by Device Seizure 6.84	
Highlights:	Acquisition started: Fri Apr 24 16:00:39 EDT 2015	
	Acquisition finished: Fri Apr 24 16:12:44 EDT 2015	
	Davida	
	Device connectivity was established via supported interfa	ce
Results:		
Veantra:	Assertion & Expected Result	Actual Result
	MDT-CA-01 Device connectivity via supported interfaces.	as expected
Analysis:	Expected results achieved	
	L	

304

305 **1.2.147 MDT-02 - iPhone 5 GSM**

Test Case MDT-02 Device Seizure v6.8	
Case	MDT-02 Begin mobile device internal memory acquisition and interrupt
Summary:	connectivity by interface disengagement.
Assertions:	MDT-CA-02 If connectivity between the mobile device and mobile device

Test Case MDT	-02 Device Seizure v6.8	
	forensic tool is disrupted then the tool shall notify the connectivity has been disrupted.	user that
Tester Name:	jrr	
Test Host:	PN100919	
Test Date:	Fri Apr 24 16:01:11 EDT 2015	
Device:	iPhone5_GSM	
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable	
Log Highlights:	Created by Device Seizure 6.84 Acquisition started: Fri Apr 24 16:01:11 EDT 2015 Acquisition finished: Fri Apr 24 16:13:02 EDT 2015 Device acquisition disruption notification was not success	ful
Results:	Assertion & Expected Result MDT-CA-02 Notification of device acquisition disruption.	Actual Result as expected
Analysis:	Expected results achieved	

307 **1.2.148 MDT-03 - iPhone 5 GSM**

Test Case MD	I-03 Device Seizure v6.8	
Case	MDT-03 Acquire mobile device internal memory and review reported data via	
Summary:	the preview-pane or generated reports for readability.	
Assertions:	MDT-CA-03 If a mobile device forensic tool completes acquisit target device without error then the tool shall have the abil acquired data objects in a useable format via either a previe generated report.	lity to present
Tester	jrr	
Name:		
Test Host:	PN100919	
Test Date:	Fri Apr 24 16:01:45 EDT 2015	
Device:	iPhone5_GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: cable	
Log	Created by Device Seizure 6.84	
Highlights:	Acquisition started: Fri Apr 24 16:01:45 EDT 2015	
	Acquisition finished: Fri Apr 24 16:13:27 EDT 2015	
	Readability and completeness of acquired data was successful	
Results:		
	Assertion & Expected Result	Actual
		Result
	MDT-CA-03 Readability and completeness of acquired data	as expected
	via supported reports.	
Analysis:	Expected results achieved	

308

309 **1.2.149 MDT-04 - iPhone 5 GSM**

Test Case MDT-04 Device Seizure v6.8	
Case	MDT-04 Acquire mobile device internal memory and review reported subscriber
Summary:	and equipment related information (e.g., IMSI, IMEI, MEID/ESN, MSISDN).
Assertions:	MDT-CA-04 If a mobile device forensic tool completes acquisition of the target device without error then subscriber and equipment related information shall be presented in a useable format.
Tester Name:	irr

Test Case MDT	-04 Device Seizure v6.8	
Test Host:	PN100919	
Test Date:	Fri Apr 24 16:02:32 EDT 2015	
Device:	iPhone5_GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: cable	
Log Highlights:	Created by Device Seizure 6.84 Acquisition started: Fri Apr 24 16:02:32 EDT 2015 Acquisition finished: Fri Apr 24 16:14:44 EDT 2015 IMEI was acquired Notes: MSISDN was not acquired.	
Results:		
	Assertion & Expected Result	Actual Result
	MDT-CA-04 Acquisition of mobile device subscriber and	Not as
	equipment related data in a useable format.	expected
Analysis:	Partial results achieved	

310 **1.2.150 MDT-05 - iPhone 5 GSM**

Tost Caso MDT	2-05 Device Seizure v6.8
Case Case MDI	MDT-05 Acquire mobile device internal memory and review supported data
Summary:	elements (i.e., PIM data, call logs, SMS, MMS, stand-alone files: audio, pictures, video, application related data: documents, spreadsheets, presentations, social-media data and Internet related data: bookmarks, visited sites).
Assertions:	MDT-CA-05 If a mobile device forensic tool completes acquisition of the target device without error then all supported data elements shall be presented in a useable format.
Tester Name:	jrr
Test Host:	PN100919
Test Date:	Fri Apr 24 16:02:56 EDT 2015
Device:	iPhone5_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Device Seizure 6.84 Acquisition started: Fri Apr 24 16:02:56 EDT 2015 Acquisition finished: Fri Apr 24 16:20:41 EDT 2015 All address book entries were successfully acquired Basic PIM related data was acquired Partial Maximum length PIM related data was acquired All Call Logs (incoming, outgoing, missed) were acquired All Call Log date/time stamps data were correctly reported ALL text messages (SMS, EMS) were acquired Correct date/time stamps were reported for all text messages Correct status flags were reported for all text messages Sender and Recipient phone numbers associated with text messages were correctly reported ALL MMS messages (Audio, Image, Video) were acquired ALL stand-alone data files (Audio, Image, Video) were acquired All application data was acquired All Internet related data was acquired Partial Social media related data was acquired Notes: Home address within a contact entry was not acquired.
	Home address within a contact entry was not acquired. Long Memo was partially acquired. Status flags for missed calls were incorrectly identified as "Failed

Test Case MD	T-05 Device Seizure v6.8	
	incoming calls".	
	MMS attachments were found under the SMS category.	
	Data from LinkedIn or Twitter were recovered, not for Facebook	ok.
Results:		
	Assertion & Expected Result	Actual
		Result
	MDT-CA-05 Acquisition of all mobile device supported data	Not as
	elements in a useable format.	expected
Analysis:	Partial results achieved	

312 **1.2.151 MDT-06 - iPhone 5 GSM**

Test Case MDT-06 Device Seizure v6.8		
Case	MDT-06 Acquire mobile device internal memory by selecting a combination of	
Summary:	supported data elements.	
Assertions:	MDT-CA-06 If a mobile device forensic tool provides the user with an Acquire All device data objects acquisition option then the tool shall complete the acquisition of all data objects without error. MDT-CA-07 If a mobile device forensic tool provides the user with an Select All individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error. MDT-CA-08 If a mobile device forensic tool provides the user with the ability to Select Individual device data objects for acquisition then the tool shall acquire each exclusive data object without error. MDT-CA-09 If a mobile device forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent.	
Tester Name:	jrr	
Test Host:	PN100919	
Test Date:	Fri Apr 24 16:03:35 EDT 2015	
Device:	iPhone5 GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: cable	
secup:	Interrace: Cable	
Log	Created by Device Seizure 6.84	
Highlights:	Acquisition started: Fri Apr 24 16:03:35 EDT 2015	
	Acquisition finished: Fri Apr 24 16:34:02 EDT 2015	
	Individual data element acquisition was successful	
Results:		
	Assertion & Expected Result	Actual
		Result
	MDT-CA-06 Acquire-all mobile device data objects	as expected
	acquisition.	_
	MDT-CA-07 Select-all mobile device data objects	as expected
	acquisition.	
	MDT-CA-08 Select-individual mobile device data objects acquisition.	as expected
	MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications.	as expected
Analysis:	Expected results achieved	

313

314 **1.2.152 MDT-07 - iPhone 5 GSM**

Test Case MDT	-07 Device Seizure v6.8
Case	MDT-07 Acquire UICC memory over supported interfaces (e.g., PC/SC reader).
Summary:	
Assertions:	MDT-AO-01 If a mobile device forensic tool provides support for
	connectivity of the target UICC then the tool shall successfully recognize

Test case MD	7-07 Device Seizure v6.8	/
	the target SIM via all tool-supported interfaces (e.g.,	PC/SC reader,
	proprietary reader, smart phone itself).	
Tester	jrr	
Name:		
Test Host:	PN100919	
Test Date:	Fri Apr 24 16:04:08 EDT 2015	
Device:	iPhone5_GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: USB	
Log	Created by Device Seizure 6.84	
Highlights:	Acquisition started: Fri Apr 24 16:04:08 EDT 2015	
	Acquisition finished: Fri Apr 24 16:34:22 EDT 2015	
	UICC connectivity was established via supported interfa	ce
Results:		
11054105	Assertion & Expected Result	Actual Result
	MDT-AO-01 UICC connectivity via supported interfaces.	as expected
		<u> </u>
Analysis:	Expected results achieved	

316 **1.2.153 MDT-08 - iPhone 5 GSM**

Test Case MDT	-08 Device Seizure v6.8		
Case	MDT-08 Begin UICC acquisition and interrupt connectivity by interface		
Summary:	disengagement.		
Assertions:	MDT-AO-02 If a mobile device forensic tool loses connec reader then the tool shall notify the user that connect disrupted.		
Tester Name:	jrr		
Test Host:	PN100919		
Test Date:	Fri Apr 24 16:04:34 EDT 2015		
Device:	iPhone5_GSM		
Source	OS: WIN 7 v6.1.7601		
Setup:	Interface: USB		
Log	Created by Device Seizure 6.84		
Highlights:	Acquisition started: Fri Apr 24 16:04:34 EDT 2015		
	Acquisition finished: Fri Apr 24 16:34:40 EDT 2015		
	Media acquisition disruption notification was successfu	1	
Results:			
	Assertion & Expected Result	Actual Result	
	MDT-AO-02 Notification of SIM acquisition disruption.	as expected	
Analysis:	Expected results achieved		

317

318 **1.2.154 MDT-09 - iPhone 5 GSM**

Test Case MDT-09 Device Seizure v6.8	
Case	MDT-09Acquire UICC memory and review reported subscriber and equipment
Summary:	related information (i.e., SPN, ICCID, IMSI, MSISDN).
Assertions:	MDT-AO-03 If a mobile device forensic tool completes acquisition of the target UICC without error then the subscriber and equipment related data shall be presented in a useable format.
Tester Name:	jrr
Test Host:	PN100919
Test Date:	Fri Apr 24 16:05:03 EDT 2015

Phone5_GSM S: WIN 7 v6.1.7601 Interface: USB Treated by Device Seizure 6.84 Icquisition started: Fri Apr 24 16:05:03 EDT 2015 Icquisition finished: Fri Apr 24 16:35:57 EDT 2015	
reated by Device Seizure 6.84 cquisition started: Fri Apr 24 16:05:03 EDT 2015 cquisition finished: Fri Apr 24 16:35:57 EDT 2015	
Treated by Device Seizure 6.84 (cquisition started: Fri Apr 24 16:05:03 EDT 2015 (cquisition finished: Fri Apr 24 16:35:57 EDT 2015	
cquisition started: Fri Apr 24 16:05:03 EDT 2015 cquisition finished: Fri Apr 24 16:35:57 EDT 2015	
Ill subscriber-related data (i.e., SPN, ICCID, IMSI, MSISDN) Notes: ISISDN was only present on PDF report.	was acquired
Assertion & Expected Result MDT-A0-03 Acquisition of UICC subscriber and equipment	Actual Result as expected
related data in a useable format.	-
]	Assertion & Expected Result MDT-AO-03 Acquisition of UICC subscriber and equipment

320 **1.2.155 MDT-10 - iPhone 5 GSM**

Test Case MDT	-10 Device Seizure v6.8	
Case	MDT-10 Acquire UICC memory and review supported data element	s (i.e.,
Summary:	Abbreviated Dialing Numbers, Last Numbers Dialed, SMS/EMS text messages,	
-	and location related data: LOCI, GPRSLOCI).	· ·
Assertions:	MDT-AO-04 If a mobile device forensic tool completes acquisi	tion of the
	target UICC without error then all acquired data shall be pro	esented in a
	useable format.	
Tester Name:	jrr	
Test Host:	PN100919	
Test Date:	Fri Apr 24 16:05:29 EDT 2015	
Device:	iPhone5_GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: USB	
_		
Log	Created by Device Seizure 6.84	
Highlights:	Acquisition started: Fri Apr 24 16:05:29 EDT 2015	
	Acquisition finished: Fri Apr 24 16:37:39 EDT 2015	
	all approximations	
	All ADNs were acquired LNDs were acquired	
	Date/Time Stamps correctly reported for LNDs	
	ALL text messages (SMS, EMS) were acquired	
	All date/time stamps were reported for text messages	
	Correct status flags were reported for text messages	
	Sender and Recipient phone numbers associated with text mess.	aneg were
	correctly reported	ages were
	Deleted text message data was recovered	
	LOCI data was acquired	
	GPRSLOCI data was acquired	
Results:		
	Assertion & Expected Result	Actual
		Result
	MDT-AO-04 Acquisition of all UICC supported data elements	as expected
	in a useable format.	
Analysis:	Expected results achieved	
VIIGTASTS:	Expected legalts goulfased	

321

322 **1.2.156 MDT-11 - iPhone 5 GSM**

Test Case MDT	-11 Device Seizure v6.8		
Case	MDT-11 Acquire UICC memory by selecting a combination of supported data		
Summary:	elements.		
Assertions:	MDT-AO-05 If a mobile device forensic tool provides the user with an Acquire All UICC data objects acquisition option then the tool shall complete the acquisition of all data objects without error. MDT-AO-06 If a mobile device forensic tool provides the user with an Select All individual UICC data objects then the tool shall complete the acquisition of all individually selected data objects without error. MDT-AO-07 If a mobile device forensic tool provides the user with the ability to Select Individual UICC data objects for acquisition then the tool shall acquire each exclusive data object without error.		
Tester Name:	jrr		
Test Host:	PN100919		
Test Date:	Fri Apr 24 16:05:57 EDT 2015		
Device:	iPhone5 GSM		
Source	OS: WIN 7 v6.1.7601		
Setup:	Interface: USB		
Log Highlights:	Created by Device Seizure 6.84 Acquisition started: Fri Apr 24 16:05:57 EDT 2015 Acquisition finished: Fri Apr 24 16:38:30 EDT 2015 Individual data element acquisition was successful		
Results:			
	Assertion & Expected Result MDT-AO-05 Acquire-all UICC data objects acquisition. as expe		
	MDT-AO-06 Select-all UICC data objects acquisition.	as expected	
	MDT-A0-07 Select-individual UICC data objects acquisition.	as expected	
		-	
Analysis:	Expected results achieved		

323

324 **1.2.157 MDT-12 - iPhone 5 GSM**

Test Case MDT	-12 Device Seizure v6.8		
Case	MDT-12 After a successful mobile device internal memory, alter the case		
Summary:	file via third-party means and attempt to re-open the case.		
Assertions:	MDT-AO-08 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms		
	disallowing or reporting data modification.		
Tester Name:	jrr		
Test Host:	PN100919		
Test Date:	Fri Apr 24 16:06:30 EDT 2015		
Device:	iPhone5_GSM		
Source	OS: WIN 7 v6.1.7601		
Setup:	Interface: cable		
Log	Created by Device Seizure 6.84		
Highlights:	Acquisition started: Fri Apr 24 16:06:30 EDT 2015		
	Acquisition finished: Fri Apr 24 16:38:49 EDT 2015		
	Notification of modified device memory data was not su	ccessful	
Results:			
	Assertion & Expected Result	Actual Result	
	MDT-AO-08 Notification of modified device case data.	Not as expected	
Analysis:	Expected results not achieved		

325

1.2.158 MDT-13 - iPhone 5 GSM

Test Case MDT	-13 Device Seizure v6.8		
Case	MDT-13 After a successful UICC acquisition, alter the case file via third-		
Summary:	party means and attempt to re-open the case.		
Assertions:	MDT-AO-08 If the case file or individual data objects are modified via		
	third-party means then the tool shall provide protection mechanisms		
	disallowing or reporting data modification.		
Tester Name:	Jrr		
Test Host:	PN100919		
Test Date:	Fri Apr 24 16:07:00 EDT 2015		
Device:	i Phone 5 GSM		
Source	OS: WIN 7 v6.1.7601		
Setup:	Interface: USB		
-			
Log	Created by Device Seizure 6.84		
Highlights:	Acquisition started: Fri Apr 24 16:07:00 EDT 2015		
	Acquisition finished: Fri Apr 24 16:39:18 EDT 2015		
	Notification of modified SIM data was not successful		
Results:			
	Assertion & Expected Result Actual Result		
	MDT-A0-08 Notification of modified device case data. Not as expected		
Analysis:	Expected results not achieved		

1.2.159 MDT-14 - iPhone 5 GSM

Test Case MDT	-14 Device Seizure v6.8		
Case	MDT-14 Attempt acquisition of a password-protected UICC.		
Summary:			
Assertions:	MDT-AO-09 If the UICC is password-protected then the mobile device forensic tool shall provide the examiner with the opportunity to input the PIN before acquisition.		
Tester Name:	jrr		
Test Host:	PN100919		
Test Date:	Fri Apr 24 16:07:40 EDT 2015		
Device:	iPhone5_GSM		
Source	OS: WIN 7 v6.1.7601		
Setup:	Interface: USB		
Log	Created by Device Seizure 6.84		
Highlights:	Acquisition started: Fri Apr 24 16:07:40 EDT 2015		
	Acquisition finished: Fri Apr 24 16:39:38 EDT 2015		
	Ability to enter PIN on protected media before acquisition was successful		
Results:			
	Assertion & Expected Result Actual Result		
	MDT-A0-09 Acquisition of password protected UICC. as expected		
Analysis:	Expected results achieved		

1.2.160 MDT-15 - iPhone 5 GSM

Test Case MDT-15 Device Seizure v6.8		
Case	MDT-15 Begin acquisition on a PIN protected UICC to determine if the tool	
Summary:	provides an accurate count of the remaining number of PIN attempts and if the PIN attempts are decremented when entering an incorrect value.	
Assertions:	MDT-AO-10 If a mobile device forensic tool provides the examiner with the remaining number of authentication attempts then the application should	

Test Case MDT	-15 Device Seizure v6.8	
	provide an accurate count of the remaining PIN attempts.	
Tester Name:	jrr	
Test Host:	PN100919	
Test Date:	Fri Apr 24 16:08:06 EDT 2015	
Device:	iPhone5_GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: USB	
Log Highlights:	Created by Device Seizure 6.84 Acquisition started: Fri Apr 24 16:08:06 EDT 2015 Acquisition finished: Fri Apr 24 16:40:06 EDT 2015 The remaining number of PIN attempts were properly displa	ayed
Results:		
	Assertion & Expected Result	Actual Result
	MDT-AO-10 Remaining number of PIN attempts properly displayed.	as expected
Analysis:	Expected results achieved	

332 **1.2.161 MDT-16 - iPhone 5 GSM**

	2-16 Device Seizure v6.8	1 1
Case	MDT-16 Begin acquisition on a UICC whose PIN attempts have been exhausted	
Summary:	to determine if the tool provides an accurate count of the	,
	of PUK attempts and if the PUK attempts are decremented w	hen entering an
	incorrect value.	
Assertions:	MDT-AO-11 If a mobile device forensic tool provides the examiner with the	
	remaining number of PUK attempts then the application sho	uld provide an
	accurate count of the remaining PUK attempts.	
Tester	jrr	
Name:		
Test Host:	PN100919	
Test Date:	Fri Apr 24 16:08:31 EDT 2015	
Device:	iPhone5 GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: USB	
Log	Created by Device Seizure 6.84	
Highlights:	Acquisition started: Fri Apr 24 16:08:31 EDT 2015	
	Acquisition finished: Fri Apr 24 16:40:22 EDT 2015	
	Remaining number of PUK attempts were properly displayed	
Results:		
	Assertion & Expected Result	Actual Result
	MDT-AO-11 Remaining number of PUK attempts properly	
	displayed.	as expected
	arsprayea.	
Analysis:	Expected results achieved	

333

334 **1.2.162 MDT-19 - iPhone 5 GSM**

Test Case MDT-19 Device Seizure v6.8		
Case	MDT-19 Acquire mobile device internal memory and review data containing	
Summary:	non-ASCII characters.	
Assertions:	MDT-AO-13 If the mobile device forensic tool supports display of non-ASCII characters then acquired data containing non-ASCII characters should be presented in their native format.	

Test Case MDT	-19 Device Seizure v6.8		
Tester Name:	jrr		
Test Host:	PN100919		
Test Date:	Fri Apr 24 16:09:01 EDT 2015		
Device:	iPhone5_GSM		
Source	OS: WIN 7 v6.1.7601		
Setup:	Interface: cable		
Log	Created by Device Seizure 6.84		
Highlights:	Acquisition started: Fri Apr 24 16:09:01 EDT 2015		
	Acquisition finished: Fri Apr 24 16:40:41 EDT 2015		
	Non-ASCII Address book entries were acquired and properly		
	Non-ASCII text messages were acquired and properly displa	yea	
Results:			
	Assertion & Expected Result	Actual	
		Result	
	MDT-AO-13 Acquisition of data containing non-ASCII	as expected	
	characters presented in their native format.	_	
Analysis:	Expected results achieved		

336 **1.2.163 MDT-20 - iPhone 5 GSM**

Test Case MDT	-20 Device Seizure v6.8	
Case	MDT-20 Acquire UICC memory and review data containing non-ASCII characters.	
Summary:		
Assertions:	MDT-AO-13 If the mobile device forensic tool supports display characters then acquired data containing non-ASCII characters presented in their native format.	
Tester Name:	jrr	
Test Host:	PN100919	
Test Date:	Fri Apr 24 16:09:29 EDT 2015	
Device:	iPhone5_GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: USB	
Log Highlights:	Created by Device Seizure 6.84 Acquisition started: Fri Apr 24 16:09:29 EDT 2015 Acquisition finished: Fri Apr 24 16:41:10 EDT 2015 Non-ASCII ADNs were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed	
Results:		
	Assertion & Expected Result	Actual Result
	MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.	as expected
Analysis:	Expected results achieved	
maryors.	Expected results delitered	

337

338

1.2.164 MDT-22 - iPhone 5 GSM

Test Case MDT-22 Device Seizure v6.8		
Case	MDT-22 Acquire mobile device internal memory and review hash values for	
Summary:	vendor supported data objects.	
Assertions:	MDT-AO-15 If the mobile device forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object.	
Tester Name:	jrr	

Test Case MDT	-22 Device Seizure v6.8	
Test Host:	PN100919	
Test Date:	Fri Apr 24 16:10:22 EDT 2015	
Device:	iPhone5_GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: cable	
Log Highlights:	Created by Device Seizure 6.84 Acquisition started: Fri Apr 24 16:10:22 EDT 2015 Acquisition finished: Fri Apr 24 16:41:38 EDT 2015	
	Hash values were properly reported for individually acquired device data elements	
	Notes: Hashes were present only on PDF report. However, HTML report report hashes.	doen not
Results:		
	Assertion & Expected Result	Actual Result
	MDT-AO-15 Hash values for individual data and case presented in a useable format.	as expected
Analysis:	Expected results achieved	

340 **1.2.165 MDT-23 - iPhone 5 GSM**

Test Case MDT-	-23 Device Seizure v6.8	
Case	MDT-23 Acquire UICC memory and review hash values for vendor	supported data
Summary:	objects.	
Assertions:	MDT-AO-15 If the mobile device forensic tool supports hashing individual data objects then the tool shall present the user value for each supported data object.	,
Tester Name:	jrr	
Test Host:	PN100919	
Test Date:	Fri Apr 24 16:10:55 EDT 2015	
Device:	iPhone5_GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: USB	
Log Highlights:	Created by Device Seizure 6.84 Acquisition started: Fri Apr 24 16:10:55 EDT 2015 Acquisition finished: Fri Apr 24 16:42:10 EDT 2015 Hash values were properly reported for individually acquired elements Notes: Hashes were present only on PDF report. However, HTML report report hashes.	
Results:	Assertion & Expected Result MDT-A0-15 Hash values for individual data and case presented in a useable format.	Actual Result as expected
Analysis:	Expected results achieved	

341 **1.2.166 MDT-24 - iPhone 5 GSM**

Test Case MDT	-24 Device Seizure v6.8
Case	MDT-24 Acquire mobile device internal memory and review data containing GPS

Test Case MDT	-24 Device Seizure v6.8	
Summary:	longitude and latitude coordinates	
Assertions:	MDT-AO-16 If the mobile device forensic tool supports acquisition of GPS data then the tool shall present the user with the longitude and latitude coordinates for all GPS-related data in a useable format.	
Tester Name:	jrr	
Test Host:	PN100919	
Test Date:	Fri Apr 24 16:11:27 EDT 2015	
Device:	iPhone5_GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: cable	
Log Highlights:	Created by Device Seizure 6.84 Acquisition started: Fri Apr 24 16:11:27 EDT 2015 Acquisition finished: Fri Apr 24 16:42:41 EDT 2015 GPS Coordinate data was successfully acquired	
Results:		
	Assertion & Expected Result	Actual Result
	MDT-AO-16 Acquisition of GPS related data presented in a useable format.	as expected
Analysis:	Expected results achieved	

342 **1.2.167 MDT-01 - iPhone 5S CDMA**

Test Case MDT	-01 Device Seizure v6.8		
Case	MDT-01 Acquire mobile device internal memory over tool-supported interfaces		
Summary:	(e.g., cable, Bluetooth, IrDA).		
Assertions:	MDT-CA-01 If a mobile device forensic tool provides support for		
	connectivity of the target device then the tool shall successfully		
	recognize the target device via all vendor supported inte	rfaces (e.g.,	
	cable, Bluetooth, IrDA).		
Tester Name:	jrr		
Test Host:	PN100919		
Test Date:	Thu Apr 2 13:34:41 EDT 2015		
Device:	iPhone5S_CDMA		
Source	OS: WIN 7 v6.1.7601		
Setup:	Interface: cable		
Log	Created by Device Seizure v6.8		
Highlights:	Acquisition started: Thu Apr 2 13:34:41 EDT 2015		
	Acquisition finished: Thu Apr 2 13:46:45 EDT 2015		
	Device connectivity was established via supported interfa	ce	
Results:		<u> </u>	
	Assertion & Expected Result	Actual Result	
	MDT-CA-01 Device connectivity via supported interfaces.	as expected	
Analysis:	Expected results achieved		

343

344 **1.2.168 MDT-02 - iPhone 5S CDMA**

Test Case MDT-02 Device Seizure v6.8		
Case	MDT-02 Begin mobile device internal memory acquisition and interrupt	
Summary:	connectivity by interface disengagement.	
Assertions:	MDT-CA-02 If connectivity between the mobile device and mobile device forensic tool is disrupted then the tool shall notify the user that connectivity has been disrupted.	

Test Case MDT	-02 Device Seizure v6.8	
Tester Name:	jrr	
Test Host:	PN100919	
Test Date:	Thu Apr 2 13:35:23 EDT 2015	
Device:	iPhone5S_CDMA_	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: cable	
Log	Created by Device Seizure v6.8	
Highlights:	Acquisition started: Thu Apr 2 13:35:23 EDT 2015	
	Acquisition finished: Thu Apr 2 13:47:34 EDT 2015	
	Device acquisition disruption notification was successful	
Results:		
	Assertion & Expected Result	Actual Result
	MDT-CA-02 Notification of device acquisition disruption.	as expected
Analysis:	Expected results achieved	

346 **1.2.169 MDT-03 - iPhone 5S CDMA**

Test Case MDT	-03 Device Seizure v6.8	
Case	MDT-03 Acquire mobile device internal memory and review repor	ted data via
Summary:	the preview-pane or generated reports for readability.	
Assertions:	MDT-CA-03 If a mobile device forensic tool completes acquisition of the	
	target device without error then the tool shall have the abil	
	acquired data objects in a useable format via either a previe	w-pane or
	generated report.	
Tester	jrr	
Name:		
Test Host:	PN100919	
Test Date:	Thu Apr 2 13:36:33 EDT 2015	
Device:	iPhone5S_CDMA	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: cable	
Log	Created by Device Seizure v6.8	
Highlights:	Acquisition started: Thu Apr 2 13:36:33 EDT 2015	
	Acquisition finished: Thu Apr 2 13:48:07 EDT 2015	
	Readability and completeness of acquired data was successful	
	Reduability and completeness of dequired data was successful	
Results:		
	Assertion & Expected Result	Actual
		Result
	MDT-CA-03 Readability and completeness of acquired data	as expected
	via supported reports.	
Analysis:	Expected results achieved	
	<u> </u>	

347

348 **1.2.170 MDT-04 - iPhone 5S CDMA**

Test Case MDT-04 Device Seizure v6.8		
Case	MDT-04 Acquire mobile device internal memory and review reported subscriber	
Summary:	and equipment related information (e.g., IMSI, IMEI, MEID/ESN, MSISDN).	
Assertions:	MDT-CA-04 If a mobile device forensic tool completes acquisition of the target device without error then subscriber and equipment related information shall be presented in a useable format.	
Tester Name:	jrr	
Test Host:	PN100919	
Test Date:	Thu Apr 2 13:37:15 EDT 2015	

Test Case MDT	-04 Device Seizure v6.8	
Device:	iPhone5S_CDMA	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: cable	
Log Highlights:	Created by Device Seizure v6.8 Acquisition started: Thu Apr 2 13:37:15 EDT 2015 Acquisition finished: Thu Apr 2 13:53:50 EDT 2015 IMEI, MEID/ESN were acquired	
Results:		
	Assertion & Expected Result	Actual
		Result
	MDT-CA-04 Acquisition of mobile device subscriber and	as expected
	equipment related data in a useable format.	
Analysis:	Expected results achieved	

350 **1.2.171 MDT-05 - iPhone 5S CDMA**

Test Case MDT	I-05 Device Seizure v6.8
Case Summary:	MDT-05 Acquire mobile device internal memory and review supported data elements (i.e., PIM data, call logs, SMS, MMS, stand-alone files: audio, pictures, video, application related data: documents, spreadsheets, presentations, social-media data and Internet related data: bookmarks, visited sites).
Assertions:	MDT-CA-05 If a mobile device forensic tool completes acquisition of the target device without error then all supported data elements shall be presented in a useable format.
Tester Name:	jrr
Test Host:	PN100919
Test Date:	Thu Apr 2 13:38:14 EDT 2015
Device:	iPhone5S_CDMA
Source	OS: WIN 7 v6.1.7601
Setup:	Interface: cable
Log	Created by Device Seizure v6.8
Highlights:	Acquisition started: Thu Apr 2 13:38:14 EDT 2015
	Acquisition finished: Thu Apr 2 14:14:49 EDT 2015
	Regular Length Address Book entries were acquired
	Maximum Length Address Book entries were acquired Special Character Address Book entries were acquired
	Blank Name Address Book entries were acquired
	Email addresses within Address Book entries were acquired
	Embedded graphics within Address Book entries were acquired
	Basic PIM related data was acquired
	Maximum length PIM related data was acquired
	All Call Logs (incoming, outgoing, missed) were acquired
	Date/Time Stamps not reported for Incoming Calls
	Date/Time Stamps not reported for Outgoing Calls
	Date/Time Stamps not reported for Missed Calls
	ALL text messages (SMS, EMS) were acquired
	Correct date/time stamps were reported for all text messages
	Correct status flags were reported for all text messages
	Sender and Recipient phone numbers associated with text messages were correctly reported
	Audio MMS messages were acquired
	Image MMS messages were acquired
	Video MMS messages were not acquired
	Audio files were not acquired
	Image files were acquired
	Video files were acquired
	All application data was acquired
	All Internet related data was acquired

Test Case MD	T-05 Device Seizure v6.8	
	Partial Social media related data was acquired	
	Notes: Home address within a contact entry was not acquired. Deleted contact entry was partially recovered. Long Memo was partially acquired. Status flags for call log were not acquired. Data from LinkedIn or Facebook was recovered, not for Twitter	c.
Results:	Assertion & Expected Result	Actual Result
	MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.	as expected
Analysis:	Expected results achieved	

352 **1.2.172 MDT-06 - iPhone 5S CDMA**

Test Case MDT	-06 Device Seizure v6.8		
Case	MDT-06 Acquire mobile device internal memory by selecting a combination of		
Summary:	supported data elements.		
Assertions:	MDT-CA-06 If a mobile device forensic tool provides the user with an Acquire All device data objects acquisition option then the tool shall complete the acquisition of all data objects without error. MDT-CA-07 If a mobile device forensic tool provides the user with an Select All individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error. MDT-CA-08 If a mobile device forensic tool provides the user with the ability to Select Individual device data objects for acquisition then the tool shall acquire each exclusive data object without error. MDT-CA-09 If a mobile device forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent.		
Tester Name:	irr		
Test Host:	PN100919		
Test Date:	Thu Apr 2 13:43:19 EDT 2015		
Device:	iPhone5S CDMA		
Source	OS: WIN 7 v6.1.7601		
Setup:	Interface: cable		
Log Highlights:	Created by Device Seizure v6.8 Acquisition started: Thu Apr 2 13:43:19 EDT 2015 Acquisition finished: Thu Apr 2 14:19:11 EDT 2015 Individual data element acquisition was successful		
Results:			
	Assertion & Expected Result	Actual Result	
	MDT-CA-06 Acquire-all mobile device data objects acquisition.	as expected	
	MDT-CA-07 Select-all mobile device data objects acquisition.	as expected	
	MDT-CA-08 Select-individual mobile device data objects acquisition.	as expected	
	MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications.	as expected	
Analysis:	Expected results achieved		

1.2.173 MDT-12 - iPhone 5S CDMA

Test Case MDT	-12 Device Seizure v6.8		
Case	MDT-12 After a successful mobile device internal memory, alter the case		
Summary:	file via third-party means and attempt to re-open the case.		
Assertions:	MDT-AO-08 If the case file or individual data objects	are modified via	
	third-party means then the tool shall provide protection	on mechanisms	
	disallowing or reporting data modification.		
Tester Name:	jrr		
Test Host:	PN100919		
Test Date:	Thu Apr 2 13:44:18 EDT 2015		
Device:	iPhone5S_CDMA		
Source	OS: WIN 7 v6.1.7601		
Setup:	Interface: cable		
Log	Created by Device Seizure v6.8		
Highlights:	Acquisition started: Thu Apr 2 13:44:18 EDT 2015		
	Acquisition finished: Thu Apr 2 14:19:39 EDT 2015		
	Notification of modified device memory data was not su	ccessful	
Results:			
Resules.	Assertion & Expected Result	Actual Result	
	MDT-AO-08 Notification of modified device case data.		
	THE TO SE MOSTILIANCE OF MOSTILIAN ACTION OF ACCUSE	nee as empereed	
Analysis:	Expected results not achieved		

1.2.174 MDT-19 - iPhone 5S CDMA

Test Case MDT	-19 Device Seizure v6.8	
Case	MDT-19 Acquire mobile device internal memory and review data	containing
Summary:	non-ASCII characters.	
Assertions:	MDT-AO-13 If the mobile device forensic tool supports display characters then acquired data containing non-ASCII characters presented in their native format.	
Tester Name:	jrr	
Test Host:	PN100919	
Test Date:	Thu Apr 2 13:44:52 EDT 2015	
Device:	iPhone5S_CDMA	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: cable	
Log Highlights:	Created by Device Seizure v6.8 Acquisition started: Thu Apr 2 13:44:52 EDT 2015 Acquisition finished: Thu Apr 2 14:20:13 EDT 2015 Non-ASCII Address book entries were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed	played
Results:		
	Assertion & Expected Result	Actual Result
	MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.	as expected
Analysis:	Expected results achieved	
WHATASTS:	Expected legalts delitered	

1.2.175 MDT-22 - iPhone 5S CDMA

Test Case MDT-22 Device Seizure v6.8				
Case	MDT-22 Acquire mobile device internal memory and review hash values for			
Summary:	vendor supported data objects.			

Test Case MDT	-22 Device Seizure v6.8	
Assertions:	MDT-AO-15 If the mobile device forensic tool supports hashing individual data objects then the tool shall present the user value for each supported data object.	
Tester Name:	jrr	
Test Host:	PN100919	
Test Date:	Thu Apr 2 13:45:32 EDT 2015	
Device:	iPhone5S_CDMA	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: cable	
Log	Created by Device Seizure v6.8	
Highlights:	Acquisition started: Thu Apr 2 13:45:32 EDT 2015 Acquisition finished: Thu Apr 2 14:20:57 EDT 2015	
	Hash values were properly reported for individually acquired elements	device data
	Notes: Hashes were present only on PDF report. However, HTML report report hashes.	doen not
Results:		
	Assertion & Expected Result	Actual
		Result
	MDT-AO-15 Hash values for individual data and case	as expected
	presented in a useable format.	
Analysis:	Expected results achieved	

359 **1.2.176 MDT-24 - iPhone 5S CDMA**

Test Case MDT	-24 Device Seizure v6.8	
Case	MDT-24 Acquire mobile device internal memory and review data containing GPS	
Summary:	longitude and latitude coordinates	
Assertions:	MDT-AO-16 If the mobile device forensic tool supports acquisition of GPS data then the tool shall present the user with the longitude and latitude coordinates for all GPS-related data in a useable format.	
Tester Name:	jrr	
Test Host:	PN100919	
Test Date:	Thu Apr 2 13:46:08 EDT 2015	
Device:	iPhone5S_CDMA	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: cable	
Log Highlights:	Created by Device Seizure v6.8 Acquisition started: Thu Apr 2 13:46:08 EDT 2015 Acquisition finished: Thu Apr 2 14:21:20 EDT 2015 GPS Coordinate data was successfully acquired	
Results:		
	Assertion & Expected Result	Actual Result
	MDT-AO-16 Acquisition of GPS related data presented in a useable format.	as expected
Analysis:	Expected results achieved	

360 **1.2.177 MDT-01 – LG Extravert CDMA**

Test Case MDT	-01 Device Seizure v6.8
Case	MDT-01 Acquire mobile device internal memory over tool-supported interfaces

Test Case MDT	-01 Device Seizure v6.8	
Summary:	(e.g., cable, Bluetooth, IrDA).	
Assertions:	MDT-CA-01 If a mobile device forensic tool provides suppo- connectivity of the target device then the tool shall suc- recognize the target device via all vendor supported inte- cable, Bluetooth, IrDA).	cessfully
Tester Name:	jrr	
Test Host:	PN100919	
Test Date:	Tue Apr 28 11:23:56 EDT 2015	
Device:	LGEtravert_CDMA	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: cable	
Log Highlights:	Created by Device Seizure 6.84 Acquisition started: Tue Apr 28 11:23:56 EDT 2015 Acquisition finished: Tue Apr 28 11:26:52 EDT 2015	
	Device connectivity was established via supported interfa-	ce
Results:		
	Assertion & Expected Result	Actual Result
	MDT-CA-01 Device connectivity via supported interfaces.	as expected
Analysis:	Expected results achieved	

362 1.2.178 MDT-02 - LG Extravert CDMA

Tost Caso MDT	-02 Device Seizure v6.8	
Case	MDT-02 Begin mobile device internal memory acquisition and interrupt	
Summary:	connectivity by interface disengagement.	
Assertions:	MDT-CA-02 If connectivity between the mobile device and mobile device	
	forensic tool is disrupted then the tool shall notify the	user that
	connectivity has been disrupted.	
Tester Name:	jrr	
Test Host:	PN100919	
Test Date:	Tue Apr 28 11:25:01 EDT 2015	
Device:	LGExtravert_CDMA	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: cable	
Log	Created by Device Seizure 6.84	
Highlights:	Acquisition started: Tue Apr 28 11:25:01 EDT 2015	
	Acquisition finished: Tue Apr 28 11:27:21 EDT 2015	
	Device acquisition disruption notification was successful	
Results:		
	Assertion & Expected Result	Actual Result
	MDT-CA-02 Notification of device acquisition disruption.	as expected
Analysis:	Expected results achieved	

363

364 **1.2.179 MDT-03 - LG Extravert CDMA**

Test Case MDT-03 Device Seizure v6.8		
Case	MDT-03 Acquire mobile device internal memory and review reported data via	
Summary:	the preview-pane or generated reports for readability.	
Assertions:	MDT-CA-03 If a mobile device forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or generated report.	

Test Case MD	T-03 Device Seizure v6.8	
Tester	jrr	
Name:		
Test Host:	PN100919	
Test Date:	Tue Apr 28 11:25:38 EDT 2015	
Device:	LGExtravert_CDMA	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: cable	
Log	Created by Device Seizure 6.84	
Highlights:	Acquisition started: Tue Apr 28 11:25:38 EDT 2015	
	Acquisition finished: Tue Apr 28 11:27:37 EDT 2015	
	Readability and completeness of acquired data was not successful	
	Notes: The tool offers the following option for acquiring this phon CDMA(logical)". When acquisition is finished the summary of data says the following for each item (i.e., calendar, conta "Acquisition is not supported". Then a message appeared sayi has been acquired successfully. When trying to access the da supposedly acquired, everything was blanked.	the recovered cts): ng that the data
Results:		
	Assertion & Expected Result	Actual
		Result
	MDT-CA-03 Readability and completeness of acquired data	Not as
	via supported reports.	expected
Analysis:	Expected results not achieved	

365 **1.2.180 MDT-01 - Nexus 4**

Test Case MDT	-01 Device Seizure v6.8	·
Case	MDT-01 Acquire mobile device internal memory over tool-su	pported interfaces
Summary:	(e.g., cable, Bluetooth, IrDA).	
Assertions:	MDT-CA-01 If a mobile device forensic tool provides suppor	rt for
	connectivity of the target device then the tool shall such	cessfully
	recognize the target device via all vendor supported inter	rfaces (e.g.,
	cable, Bluetooth, IrDA).	
Tester Name:	jrr	
Test Host:	PN100919	
Test Date:	Mon Apr 20 13:52:22 EDT 2015	
Device:	Nexus4_GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: cable	
Log	Created by Device Seizure 6.84	
Highlights:	Acquisition started: Mon Apr 20 13:52:22 EDT 2015	
	Acquisition finished: Mon Apr 20 14:10:04 EDT 2015	
	Device connectivity was established via supported interface	ce
Results:		
	Assertion & Expected Result	Actual Result
	MDT-CA-01 Device connectivity via supported interfaces.	as expected
Analysis:	Expected results achieved	

367 **1.2.181 MDT-02 - Nexus 4**

366

Test Case MDT-	-02 Device Seizure v6.8
Case	MDT-02 Begin mobile device internal memory acquisition and interrupt
Summary:	connectivity by interface disengagement.

Test Case MDT	-02 Device Seizure v6.8	
Assertions:	MDT-CA-02 If connectivity between the mobile device and mo forensic tool is disrupted then the tool shall notify the connectivity has been disrupted.	
Tester Name:	jrr	
Test Host:	PN100919	
Test Date:	Mon Apr 20 13:54:00 EDT 2015	
Device:	Nexus4_GSM	
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable	
Log Highlights:	Created by Device Seizure 6.84 Acquisition started: Mon Apr 20 13:54:00 EDT 2015 Acquisition finished: Mon Apr 20 14:10:22 EDT 2015 Device acquisition disruption notification was successful	
Results:	Assertion & Expected Result MDT-CA-02 Notification of device acquisition disruption.	Actual Result as expected
Analysis:	Expected results achieved	

368 **1.2.182 MDT-03 - Nexus 4**

Test Case MDT	-03 Device Seizure v6.8	
Case	MDT-03 Acquire mobile device internal memory and review repor	ted data via
Summary:	the preview-pane or generated reports for readability.	
Assertions:	MDT-CA-03 If a mobile device forensic tool completes acquisit	ion of the
	target device without error then the tool shall have the abil	
	acquired data objects in a useable format via either a previe	w-pane or
	generated report.	
	•	
Tester	jrr	
Name:		
Test Host:	PN100919	
Test Date:	Mon Apr 20 13:54:29 EDT 2015	
Device:	Nexus4_GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: cable	
Log	Created by Device Seizure 6.84	
Highlights:	Acquisition started: Mon Apr 20 13:54:29 EDT 2015	
	Acquisition finished: Mon Apr 20 14:10:37 EDT 2015	
	Description and completeness of complete data are consequently	
	Readability and completeness of acquired data was successful	
Results:		
110041001	Assertion & Expected Result	Actual
	Institution a improved Result	Result
	MDT-CA-03 Readability and completeness of acquired data	as expected
	via supported reports.	
Analysis:	Expected results achieved	

369

370 **1.2.183 MDT-04 - Nexus 4**

Test Case MDT	Test Case MDT-04 Device Seizure v6.8		
Case	MDT-04 Acquire mobile device internal memory and review reported subscriber		
Summary:	and equipment related information (e.g., IMSI, IMEI, MEID/ESN, MSISDN).		
Assertions:	MDT-CA-04 If a mobile device forensic tool completes acquisition of the target device without error then subscriber and equipment related information shall be presented in a useable format.		

Test Case MDT	-04 Device Seizure v6.8	
Tester Name:	jrr	
Test Host:	PN100919	
Test Date:	Mon Apr 20 13:55:45 EDT 2015	
Device:	Nexus4_GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: cable	
Log Highlights:	Created by Device Seizure 6.84 Acquisition started: Mon Apr 20 13:55:45 EDT 2015 Acquisition finished: Mon Apr 20 14:11:03 EDT 2015 IMEI was acquired Notes: MSISDN was not acquired.	
Results:		
	Assertion & Expected Result	Actual Result
	MDT-CA-04 Acquisition of mobile device subscriber and	Not as
	equipment related data in a useable format.	expected
Analysis:	Partial results achieved	

372 **1.2.184 MDT-05 - Nexus 4**

Test Case MDT	-05 Device Seizure v6.8
Case	MDT-05 Acquire mobile device internal memory and review supported data
Summary:	elements (i.e., PIM data, call logs, SMS, MMS, stand-alone files: audio,
-	pictures, video, application related data: documents, spreadsheets,
	presentations, social-media data and Internet related data: bookmarks,
	visited sites).
Assertions:	MDT-CA-05 If a mobile device forensic tool completes acquisition of the
	target device without error then all supported data elements shall be
	presented in a useable format.
Tester	jrr
Name:	
Test Host:	PN100919
Test Date:	Mon Apr 20 13:57:56 EDT 2015
Device:	Nexus4_GSM
Source	OS: WIN 7 v6.1.7601
Setup:	Interface: cable
Log	Created by Device Seizure 6.84
Highlights:	Acquisition started: Mon Apr 20 13:57:56 EDT 2015
	Acquisition finished: Mon Apr 20 14:12:43 EDT 2015
	All address book entries were successfully acquired
	Basic PIM related data was acquired
	Maximum length PIM related data was acquired
	All Call Logs (incoming, outgoing, missed) were acquired
	All Call Log date/time stamps data were correctly reported
	ALL text messages (SMS, EMS) were acquired
	Correct date/time stamps were reported for all text messages
	Correct status flags were reported for all text messages
	Sender and Recipient phone numbers associated with text messages were correctly reported
	ALL MMS messages (Audio, Image, Video) were acquired
	ALL stand-alone data files (Audio, Image, Video) were acquired
	All application data was acquired
	All Internet related data was acquired
	Partial Social media related data was acquired
	Notes:
	Outgoing MMS status flags type were incorrectly identified as failed but
	they were successfully sent.

Test Case MD	T-05 Device Seizure v6.8	
	No memos were recovered.	
	Data from Facebook or LinkedIn was not acquired, only from T	witter.
Results:		
	Assertion & Expected Result	Actual
		Result
	MDT-CA-05 Acquisition of all mobile device supported data	Not as
	elements in a useable format.	expected
Analysis:	Partial results achieved	

374 **1.2.185 MDT-06 - Nexus 4**

Test Case MDT	-06 Device Seizure v6.8	
Case	MDT-06 Acquire mobile device internal memory by selecting a c	combination of
Summary:	supported data elements.	
Assertions:	MDT-CA-06 If a mobile device forensic tool provides the user with an Acquire All device data objects acquisition option then the tool shall complete the acquisition of all data objects without error. MDT-CA-07 If a mobile device forensic tool provides the user with an Select All individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error. MDT-CA-08 If a mobile device forensic tool provides the user with the ability to Select Individual device data objects for acquisition then the tool shall acquire each exclusive data object without error. MDT-CA-09 If a mobile device forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent.	
Tester Name:	irr	
Test Host:	PN100919	
Test Date:	Mon Apr 20 13:58:24 EDT 2015	
Device:	Nexus4 GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: cable	
Log Highlights:	Created by Device Seizure 6.84 Acquisition started: Mon Apr 20 13:58:24 EDT 2015 Acquisition finished: Mon Apr 20 15:49:50 EDT 2015 Individual data element acquisition was successful	
Results:		
Nesures.	Assertion & Expected Result	Actual Result
	MDT-CA-06 Acquire-all mobile device data objects acquisition.	as expected
	MDT-CA-07 Select-all mobile device data objects acquisition.	as expected
	MDT-CA-08 Select-individual mobile device data objects acquisition.	as expected
	MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications.	as expected
Analysis:	Expected results achieved	

375

376 **1.2.186 MDT-07 - Nexus 4**

Test Case MDT-07 Device Seizure v6.8		
Case	MDT-07 Acquire UICC memory over supported interfaces (e.g., PC/SC reader).	
Summary:		
Assertions:	ns: MDT-AO-01 If a mobile device forensic tool provides support for connectivity of the target UICC then the tool shall successfully recognize	
	the target SIM via all tool-supported interfaces (e.g., PC/SC reader,	

Test Case MDT	-07 Device Seizure v6.8	
	proprietary reader, smart phone itself).	
Tester	jrr	
Name:		
Test Host:	PN100919	
Test Date:	Mon Apr 20 13:59:00 EDT 2015	
Device:	Nexus4_GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: USB	
Log	Created by Device Seizure 6.84	
Highlights:	Acquisition started: Mon Apr 20 13:59:00 EDT 2015	
	Acquisition finished: Mon Apr 20 15:50:25 EDT 2015	
	UICC connectivity was established via supported interfa-	ce
Results:		
	Assertion & Expected Result	Actual Result
	MDT-AO-01 UICC connectivity via supported interfaces.	as expected
Analysis:	Expected results achieved	

1.2.187 MDT-08 - Nexus 4

Case	MDT-08 Begin UICC acquisition and interrupt connectivity by interface	
Summary:	disengagement.	
Assertions:	s: MDT-AO-02 If a mobile device forensic tool loses connectivity with the UIC reader then the tool shall notify the user that connectivity has been disrupted.	
Tester Name:	jrr	
Test Host:	PN100919	
Test Date:	Mon Apr 20 14:01:01 EDT 2015	
Device:	Nexus4 GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: USB	
Log Highlights:	Created by Device Seizure 6.84 Acquisition started: Mon Apr 20 14:01:01 EDT 2015	
	Acquisition finished: Mon Apr 20 15:50:48 EDT 2015 Media acquisition disruption notification was successfu	1
Results:	Describer a Record of Parallel	Actual Result
	Assertion & Expected Result	
	MDT-AO-02 Notification of SIM acquisition disruption.	as expected
Analysis:	Expected results achieved	

1.2.188 MDT-09 - Nexus 4

Test Case MDT-09 Device Seizure v6.8	
Case	MDT-09Acquire UICC memory and review reported subscriber and equipment
Summary:	related information (i.e., SPN, ICCID, IMSI, MSISDN).
Assertions:	MDT-AO-03 If a mobile device forensic tool completes acquisition of the target UICC without error then the subscriber and equipment related data shall be presented in a useable format.
Tester Name:	jrr
Test Host:	PN100919
Test Date:	Mon Apr 20 14:01:30 EDT 2015
Device:	Nexus4 GSM

XRY/XACT v6 10 1 Page **100** of **124** 5/8/15 4·48 PM

Test Case MDT	-09 Device Seizure v6.8	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: USB	
Log Highlights:	Created by Device Seizure 6.84 Acquisition started: Mon Apr 20 14:01:30 EDT 2015 Acquisition finished: Mon Apr 20 15:51:48 EDT 2015 All subscriber-related data (i.e., SPN, ICCID, IMSI, MSISDN Notes: MSISDN was only present on PDF report.) was acquired
Results:	Assertion & Expected Result	Actual Result
	MDT-AO-03 Acquisition of UICC subscriber and equipment related data in a useable format.	as expected
Analysis:	Expected results achieved	

1.2.189 MDT-10 - Nexus 4

Test Case MDT-	-10 Device Seizure v6.8	
Case Summary:	MDT-10 Acquire UICC memory and review supported data elements (i.e., Abbreviated Dialing Numbers, Last Numbers Dialed, SMS/EMS text messages, and location related data: LOCI, GPRSLOCI).	
Assertions:	MDT-AO-04 If a mobile device forensic tool completes acquisi target UICC without error then all acquired data shall be pruseable format.	
Tester Name:	jrr	
Test Host:	PN100919	
Test Date:	Mon Apr 20 14:02:03 EDT 2015	
Device:	Nexus4_GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: USB	
Log Highlights:	Created by Device Seizure 6.84 Acquisition started: Mon Apr 20 14:02:03 EDT 2015 Acquisition finished: Mon Apr 20 16:01:37 EDT 2015 All ADNs were acquired LNDs were acquired Date/Time Stamps correctly reported for LNDs ALL text messages (SMS, EMS) were acquired All date/time stamps were reported for text messages Correct status flags were reported for text messages Sender and Recipient phone numbers associated with text mess correctly reported Deleted text message data was recovered LOCI data was acquired GPRSLOCI data was acquired	ages were
Results:	Assertion & Expected Result	Actual Result
	MDT-AO-04 Acquisition of all UICC supported data elements in a useable format.	as expected
Analysis:	Expected results achieved	

1.2.190 MDT-11 - Nexus 4

Device Seizure v6.8

XRY/XACT v6 10 1 Page **101** of **124** 5/8/15 4·48 PM

Test Case MDT-11 Device Seizure v6.8		
Case	MDT-11 Acquire UICC memory by selecting a combination of supported data	
Summary:	elements.	
Assertions:	MDT-AO-05 If a mobile device forensic tool provides the user with an Acquire All UICC data objects acquisition option then the tool shall complete the acquisition of all data objects without error. MDT-AO-06 If a mobile device forensic tool provides the user with an Select All individual UICC data objects then the tool shall complete the acquisition of all individually selected data objects without error. MDT-AO-07 If a mobile device forensic tool provides the user with the ability to Select Individual UICC data objects for acquisition then the tool shall acquire each exclusive data object without error.	
Tester Name:	jrr	
Test Host:	PN100919	
Test Date:	Mon Apr 20 14:02:33 EDT 2015	
Device:	Nexus4 GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: USB	
Log	Created by Device Seizure 6.84	
Highlights:	Acquisition started: Mon Apr 20 14:02:33 EDT 2015	
	Acquisition finished: Mon Apr 20 16:01:58 EDT 2015	
	Individual data element acquisition was successful	
Results:		
	Assertion & Expected Result	Actual Result
	MDT-AO-05 Acquire-all UICC data objects acquisition.	as expected
	MDT-AO-06 Select-all UICC data objects acquisition.	as expected
	MDT-AO-07 Select-individual UICC data objects	as expected
	acquisition.	
Analysis:	Expected results achieved	

386 **1.2.191 MDT-12 - Nexus 4**

Test Case MDT	-12 Device Seizure v6.8	
Case	MDT-12 After a successful mobile device internal memory, alter the case	
Summary:	file via third-party means and attempt to re-open the case.	
Assertions:	MDT-AO-08 If the case file or individual data objects	are modified via
	third-party means then the tool shall provide protection	on mechanisms
	disallowing or reporting data modification.	
Tester Name:	jrr	
Test Host:	PN100919	
Test Date:	Mon Apr 20 14:03:21 EDT 2015	
Device:	Nexus4 GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: cable	
Log	Created by Device Seizure 6.84	
Highlights:	Acquisition started: Mon Apr 20 14:03:21 EDT 2015	
	Acquisition finished: Mon Apr 20 16:02:32 EDT 2015	
	Notification of modified device memory data was not su	ccessful
Results:		
	Assertion & Expected Result	Actual Result
	MDT-AO-08 Notification of modified device case data.	Not as expected
Analysis:	Expected results not achieved	

387

1.2.192 MDT-13 - Nexus 4

Test Case MDT	-13 Device Seizure v6.8	
Case	MDT-13 After a successful UICC acquisition, alter the case file via third-	
Summary:	party means and attempt to re-open the case.	
Assertions:	MDT-AO-08 If the case file or individual data objects	are modified via
	third-party means then the tool shall provide protection	on mechanisms
	disallowing or reporting data modification.	
Tester Name:	Jrr	
Test Host:	PN100919	
Test Date:	Mon Apr 20 14:03:56 EDT 2015	
Device:	Nexus4_GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: USB	
Log	Created by Device Seizure 6.84	
Highlights:	Acquisition started: Mon Apr 20 14:03:56 EDT 2015	
	Acquisition finished: Mon Apr 20 16:03:12 EDT 2015	
	Notification of modified SIM data was not successful	
Results:		
	Assertion & Expected Result	Actual Result
	MDT-AO-08 Notification of modified device case data.	Not as expected
Analysis:	Expected results not achieved	

1.2.193 MDT-14 - Nexus 4

Test Case MDT	-14 Device Seizure v6.8	
Case Summary:	MDT-14 Attempt acquisition of a password-protected UICC.	
Assertions:	MDT-AO-09 If the UICC is password-protected then the mobile device forensic tool shall provide the examiner with the opportunity to input the PIN before acquisition.	
Tester Name:	Jrr	
Test Host:	PN100919	
Test Date:	Mon Apr 20 14:05:13 EDT 2015	
Device:	Nexus4_GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: USB	
Log	Created by Device Seizure 6.84	
Highlights:	Acquisition started: Mon Apr 20 14:05:13 EDT 2015	
	Acquisition finished: Mon Apr 20 16:03:30 EDT 2015	
	Ability to enter PIN on protected media before acqu	isition was successful
Results:		
	Assertion & Expected Result	Actual Result
	MDT-AO-09 Acquisition of password protected UICC.	as expected
Analysis:	Expected results achieved	

1.2.194 MDT-15 - Nexus 4

Test Case MDT-15 Device Seizure v6.8	
Case	MDT-15 Begin acquisition on a PIN protected UICC to determine if the tool
Summary:	provides an accurate count of the remaining number of PIN attempts and if
	the PIN attempts are decremented when entering an incorrect value.
Assertions:	MDT-AO-10 If a mobile device forensic tool provides the examiner with the
	remaining number of authentication attempts then the application should

XRY/XACT v6 10 1 Page **103** of **124** 5/8/15 4·48 PM

Test Case MDT	-15 Device Seizure v6.8	
	provide an accurate count of the remaining PIN attempts.	
Tester Name:	Jrr	
Test Host:	PN100919	
Test Date:	Mon Apr 20 14:05:36 EDT 2015	
Device:	Nexus4_GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: USB	
Log Highlights:	Created by Device Seizure 6.84 Acquisition started: Mon Apr 20 14:05:36 EDT 2015 Acquisition finished: Mon Apr 20 16:03:48 EDT 2015 The remaining number of PIN attempts were properly displa	ayed
Results:		
	Assertion & Expected Result	Actual Result
	MDT-AO-10 Remaining number of PIN attempts properly displayed.	as expected
Analysis:	Expected results achieved	

394 **1.2.195 MDT-16 - Nexus 4**

Test Case MDT	-16 Device Seizure v6.8	
Case Summary:	MDT-16 Begin acquisition on a UICC whose PIN attempts have be to determine if the tool provides an accurate count of the rof PUK attempts and if the PUK attempts are decremented when	emaining number
	incorrect value.	
Assertions:	MDT-AO-11 If a mobile device forensic tool provides the exame remaining number of PUK attempts then the application should accurate count of the remaining PUK attempts.	
Tester Name:	Jrr	
Test Host:	PN100919	
Test Date:	Mon Apr 20 14:06:14 EDT 2015	
Device:	Nexus4_GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: USB	
Log	Created by Device Seizure 6.84	
Highlights:	Acquisition started: Mon Apr 20 14:06:14 EDT 2015	
	Acquisition finished: Mon Apr 20 16:04:03 EDT 2015	
	Remaining number of PUK attempts were properly displayed	
	Notes:	
	The first time the wrong data is entered, the amount of tried decrease. However, the second time you try it does decrease	
Results:		
	Assertion & Expected Result	Actual Result
	MDT-A0-11 Remaining number of PUK attempts properly displayed.	as expected
Analysis:	Expected results achieved	

395

396 **1.2.196 MDT-19 - Nexus 4**

Test Case MDT-19 Device Seizure v6.8				
Case	MDT-19 Acquire mobile device internal memory and review data containing			

Test Case MDT	-19 Device Seizure v6.8	
Summary:	non-ASCII characters.	
Assertions:	MDT-AO-13 If the mobile device forensic tool supports display of non-ASCII characters then acquired data containing non-ASCII characters should be presented in their native format.	
Tester Name:	Jrr	
Test Host:	PN100919	
Test Date:	Mon Apr 20 14:06:46 EDT 2015	
Device:	Nexus4_GSM	
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable	
Log Highlights:	Created by Device Seizure 6.84 Acquisition started: Mon Apr 20 14:06:46 EDT 2015 Acquisition finished: Mon Apr 20 16:05:54 EDT 2015 Non-ASCII Address book entries were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed	
Results:	Assertion & Expected Result	Actual Result
	MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.	as expected
Analysis:	Expected results achieved	

397 **1.2.197 MDT-20 - Nexus 4**

Test Case MDT	-20 Device Seizure v6.8	
Case	MDT-20 Acquire UICC memory and review data containing non-ASCII characters.	
Summary:		
Assertions:	MDT-AO-13 If the mobile device forensic tool supports display of non-ASCII characters then acquired data containing non-ASCII characters should be presented in their native format.	
Tester Name:	Jrr	
Test Host:	PN100919	
Test Date:	Mon Apr 20 14:07:23 EDT 2015	
Device:	Nexus4_GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: USB	
Log Highlights:	Created by Device Seizure 6.84 Acquisition started: Mon Apr 20 14:07:23 EDT 2015 Acquisition finished: Mon Apr 20 16:06:36 EDT 2015 Non-ASCII ADNs were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed	
Results:		
	Assertion & Expected Result	Actual Result
	MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.	as expected
Analysis:	Expected results achieved	

398

399 **1.2.198 MDT-22 - Nexus 4**

Test Case MDT-22 Device Seizure v6.8		
Case	MDT-22 Acquire mobile device internal memory and review hash values for	
Summary:	vendor supported data objects.	
Assertions:	MDT-AO-15 If the mobile device forensic tool supports hashing for	

Test Case MDT	-22 Device Seizure v6.8	
	individual data objects then the tool shall present the user	with a hash
	value for each supported data object.	
Tester Name:	Jrr	
Test Host:	PN100919	
Test Date:	Mon Apr 20 14:08:35 EDT 2015	
Device:	Nexus4_GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: cable	
Log	Created by Device Seizure 6.84	
Highlights:	Acquisition started: Mon Apr 20 14:08:35 EDT 2015	
	Acquisition finished: Mon Apr 20 16:07:02 EDT 2015	
	Hash values were properly reported for individually acquired device data elements	
	Notes: Hashes were present only on PDF report. However, HTML report report hashes.	doen not
Results:		
	Assertion & Expected Result	Actual Result
	MDT-AO-15 Hash values for individual data and case presented in a useable format.	as expected
Analysis:	Expected results achieved	

401 **1.2.199 MDT-23 - Nexus 4**

Case	MDT-23 Acquire UICC memory and review hash values for ven	dor supported
Summary:	objects.	
Assertions:	MDT-AO-15 If the mobile device forensic tool supports has	hing for
	individual data objects then the tool shall present the u	ser with a has
	value for each supported data object.	
Tester Name:	Jrr	
Test Host:	PN100919	
Test Date:	Mon Apr 20 14:09:06 EDT 2015	
Device:	Nexus4_GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: USB	
Log	Created by Device Seizure 6.84	
Highlights:	Acquisition started: Mon Apr 20 14:09:06 EDT 2015	
	Acquisition finished: Mon Apr 20 16:08:29 EDT 2015	
	Hash values were properly reported for individually acqui	red SIM data
	Notes:	
	Hashes were present only on PDF report. Hashes were not p	resent on HTMI
	report.	resent on him
Results:		
	Assertion & Expected Result	Actual
		Result
	MDT-AO-15 Hash values for individual data and case	as expect
	presented in a useable format.	
Analysis:	Expected results achieved	

403 **1.2.200 MDT-24 - Nexus 4**

Test Case MDT	-24 Device Seizure v6.8	
Case	MDT-24 Acquire mobile device internal memory and review data containing GPS	
Summary:	longitude and latitude coordinates	
Assertions:	MDT-AO-16 If the mobile device forensic tool supports acquisition of GPS data then the tool shall present the user with the longitude and latitude coordinates for all GPS-related data in a useable format.	
Tester Name:	Jrr	
Test Host:	PN100919	
Test Date:	Mon Apr 20 14:09:42 EDT 2015	
Device:	Nexus4 GSM	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: cable	
Log Highlights:	Created by Device Seizure 6.84 Acquisition started: Mon Apr 20 14:09:42 EDT 2015 Acquisition finished: Mon Apr 20 16:13:09 EDT 2015 GPS Coordinate data was not successfully acquired	
Results:		
	Assertion & Expected Result	Actual Result
	MDT-AO-16 Acquisition of GPS related data presented in a useable format.	Not as expected
Analysis:	Expected results not achieved	

404 **1.2.201 MDT-01 – Samsung Convoy 3**

Test Case MDT	-01 Device Seizure v6.8		
Case	MDT-01 Acquire mobile device internal memory over tool-supported interfaces		
Summary:	(e.g., cable, Bluetooth, IrDA).		
Assertions:	MDT-CA-01 If a mobile device forensic tool provides support for		
	connectivity of the target device then the tool shall suc		
	recognize the target device via all vendor supported inte	rfaces (e.g.,	
	cable, Bluetooth, IrDA).		
Tester Name:	jrr		
Test Host:	PN100919		
Test Date:	Tue Apr 28 11:19:52 EDT 2015		
Device:	SamsungConvoy3_CDMA		
Source	OS: WIN 7 v6.1.7601		
Setup:	Interface: cable		
Log	Created by Device Seizure 6.84		
Highlights:	Acquisition started: Tue Apr 28 11:19:52 EDT 2015		
	Acquisition finished: Tue Apr 28 11:21:15 EDT 2015		
	Davida		
	Device connectivity was established via supported interfa	ce	
Results:			
vesures:	Assertion & Expected Result	Actual Result	
	MDT-CA-01 Device connectivity via supported interfaces.	as expected	
Analysis:	Expected results achieved		
	Tubes sea Tesates deuts.ed		

405

406 **1.2.202 MDT-02 - Samsung Convoy 3**

Test Case MDT-02 Device Seizure v6.8		
Case	MDT-02 Begin mobile device internal memory acquisition and interrupt	
Summary:	connectivity by interface disengagement.	
Assertions:	MDT-CA-02 If connectivity between the mobile device and mobile device	

Test Case MDT	-02 Device Seizure v6.8	
	forensic tool is disrupted then the tool shall notify the connectivity has been disrupted.	user that
Tester Name:	jrr	
Test Host:	PN100919	
Test Date:	Tue Apr 28 11:20:27 EDT 2015	
Device:	SamsungConvoy3_CDMA	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: cable	
Log	Created by Device Seizure 6.84	
Highlights:	Acquisition started: Tue Apr 28 11:20:27 EDT 2015	
	Acquisition finished: Tue Apr 28 11:21:30 EDT 2015	
	Device acquisition disruption notification was successful	
Results:		
	Assertion & Expected Result	Actual Result
	MDT-CA-02 Notification of device acquisition disruption.	as expected
Analysis:	Expected results achieved	

408

1.2.203 MDT-03 - Samsung Convoy 3

	<u> </u>	
Test Case MD	I-03 Device Seizure v6.8	
Case	MDT-03 Acquire mobile device internal memory and review repo	orted data via
Summary:	the preview-pane or generated reports for readability.	
Assertions:	MDT-CA-03 If a mobile device forensic tool completes acquis	ition of the
	target device without error then the tool shall have the ability to present	
	acquired data objects in a useable format via either a previ	iew-pane or
	generated report.	
Tester	jrr	
Name:		
Test Host:	PN100919	
Test Date:	Tue Apr 28 11:20:53 EDT 2015	
Device:	SamsungConvoy3_CDMA	
Source	OS: WIN 7 v6.1.7601	
Setup:	Interface: cable	
Loa	Created by Device Seizure 6.84	
Highlights:	Acquisition started: Tue Apr 28 11:20:53 EDT 2015	
	Acquisition finished: Tue Apr 28 11:21:50 EDT 2015	
	Readability and completeness of acquired data was not successful	
	Notes:	
	The tool offers the following option for acquiring this phone: "Samsung	
	CDMA(logical)". When acquisition is finished the summary of the recovered	
	data says the following for each item (i.e., calendar, conta	
	"Acquisition is not supported". Then a message appeared say:	
	has been acquired successfully for the Samsung U680. When the	
	the data that was supposedly acquired, everything was blanked	ed.
Results:		
	Assertion & Expected Result	Actual
		Result
	MDT-CA-03 Readability and completeness of acquired data	Not as
	via supported reports.	expected
Analysis:	Expected results not achieved	

409